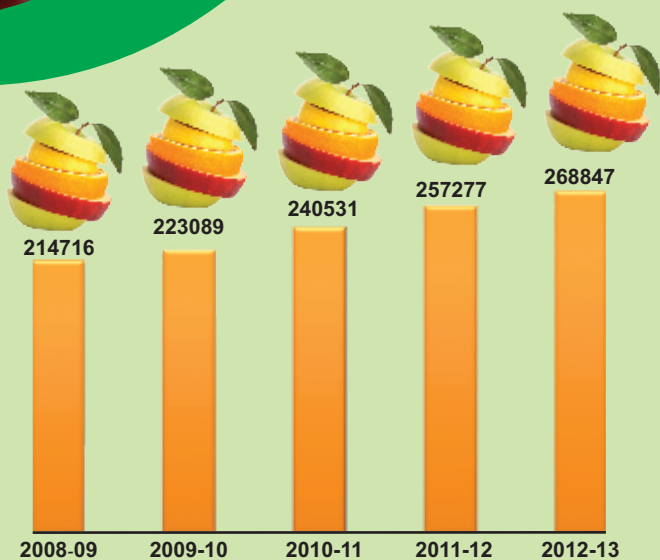
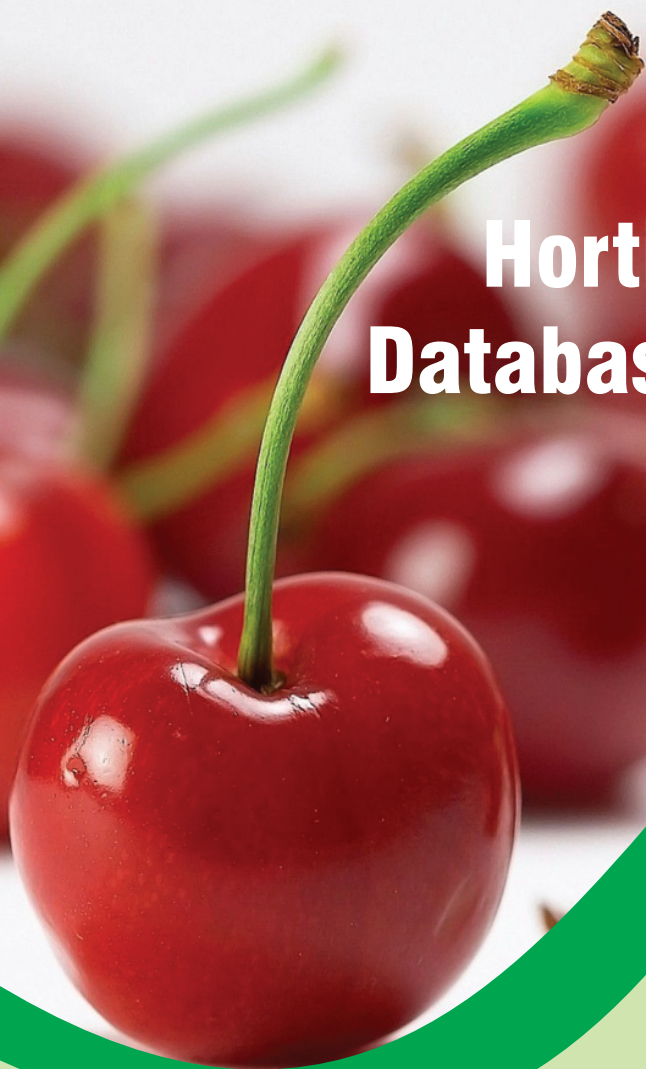


Indian Horticulture Database 2013



राष्ट्रीय बागवानी बोर्ड
National Horticulture Board

INDIAN HORTICULTURE DATABASE - 2013

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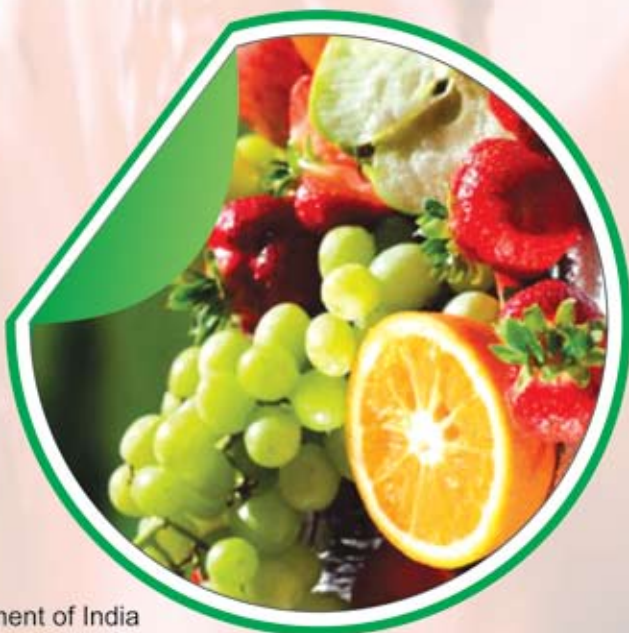
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Horticulture Board

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SHARAD PAWAR



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D.O. No. 633/AM
कृषि एवं खाद्य प्रसंस्करण उद्योग मंत्री
भारत सरकार
MINISTER OF AGRICULTURE &
FOOD PROCESSING INDUSTRIES
GOVERNMENT OF INDIA

February, 2014

MESSAGE

Collection of comprehensive and reliable data is essential to assess the demand and supply for horticulture produce and to address the problems and constraints in the growth of the horticulture sector. The establishment of a comprehensive horticulture database is crucial for ensuring effective planning to facilitate the systematic development of the horticulture sector in the country. The data also comes handy for exploiting the huge export potential of this sector.

I am happy that the National Horticulture Board has come out with the latest horticulture database in the form of "Indian Horticulture Database 2013". The publication contains useful information on area, production, productivity, prices, exports and other related information in respect of important horticulture crops. This publication will serve as a useful handbook for producers, consumers, traders, importers, exporters, extension workers, researchers and policymakers.

I am sure that the efforts of NHIB would go a long way in building up a strong database of Horticulture statistics in India.


(Sharad Pawar)

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राष्ट्रीय बागवानी बोर्ड
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भारत सरकार
कृषि मंत्रालय
कृषि एवं सहकारिता विभाग
Government of India
Ministry of Agriculture
Department of Agriculture & Cooperation

FOREWORD

Accurate, up-to-date and robust horticulture data is important for planning and growth of Indian horticulture sector. National Horticulture Board has been bringing out the Horticulture Database series carrying information relating to area, production and marketing of horticultural crops in the country. Indian Horticulture Database 2013 contains data relating to area, production, productivity, prices, and exports of various horticulture crops. This publication will be a valuable reference book for producers, consumers, traders, importers, exporters, extension workers, researchers and other stakeholders.

I compliment Shri Rajendra Kumar Tiwari, Managing Director, NHB and his team of officers who have put in sincere efforts in bringing out this publication.

(Ashish Bahuguna)

Date: February 17, 2014

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सत्यमेव जयते



राष्ट्रीय बागवानी बोर्ड

NATIONAL HORTICULTURE BOARD

कृषि मंत्रालय, भारत सरकार

Ministry of Agriculture, Government of India

PREFACE

National Horticulture Board (NHB) has been regularly publishing Annual Horticulture Database, which is a widely used document. It is a matter of pleasure for me to bring out "Indian Horticulture Database 2013".

The present publication of the NHB contains area and production estimates for horticulture crops, apart from the information about price and arrival statistics of important horticulture crops in the major markets of the country, export and international production related data. The area and production figures for the horticultural crops in India as given in this book are duly approved by the Review Committee of the Department of Agriculture and Cooperation. I hope it would be a useful publication for horticultural community, policy makers, entrepreneurs and other stakeholders.

I convey my thanks to the State Department of Horticulture/Agriculture, Directorate of Economics and Statistics, GOI, APEDA, FAO, respective Commodity Boards/Directorates and field offices of NHB for providing useful information for the purpose of compiling this publication.

I acknowledge special efforts made by the team of Adviser (Hort.), DAC and the entire team of NHB in collecting the data from the agencies concerned, analyzing and compiling them and completing the task well within allotted time. My special thanks are to Principal Adviser, DAC; Joint Secretary (NHM) and Horticulture Commissioner for valuable contribution made by them during the process of firming up the data.

NHB welcomes suggestions to improve the content and presentation of the publication.

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SYMBOLS/ASSUMPTIONS USED

NA	-	Data not available
MT	-	Metric Tones
HA	-	Hectare
P	-	Production
A	-	Area
Rs.	-	Rupees (Indian Currency)
Kg.	-	Kilogram
MIN.	-	Minimum
MAX.	-	Maximum
AVG.	-	Average
T.ARRL	-	Total Arrival
FRT.	-	Fruits
VEG.	-	Vegetables
F	-	FAO Estiomates
#	-	Included in Others
-	-	None of Not Available

REFERENCE :-

- ❖ Indian Horticulture Road Map (NHB Publication)
- ❖ Indian Horticulture Data Base-(1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 & 2006), NHB
- ❖ Horticulture Information Service, Monthly Bulletins, NHB
- ❖ Hand Book on Agriculture, ICAR
- ❖ Check list of Commercial Verities of Fruits/Vegetables/Plantation Crops, Ministry of Agriculture. Govt. of India.



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CHAPTER-I

FACTS & FIGURES





INDIAN HORTICULTURE PRODUCTION - AT A GLANCE (1991-92 and 2001-02 to 2012-13)

Year	Fruits		Vegetables		Flowers		Nuts (Almond & Walnut)	
	A	P	A	P	A	P (LOOSE)	A	P
1991-92	2874	28632	5593	58532	NA	NA	NA	NA
2001-02	4010	43001	6156	88622	106	535	117	114
2002-03	3788	45203	6092	84815	70	735	117	114
2003-04	4661	45942	6082	88334	101	580	106	121
2004-05	5049	50867	6744	101246	118	659	106	121
2005-06	5324	55356	7213	111399	129	654	130	149
2006-07	5554	59563	7581	114993	144	880	132	150
2007-08	5857	65587	7848	128449	166	868	132	177
2008-09	6101	68466	7981	129077	167	987	136	173
2009-10	6329	71516	7985	133738	183	1021	142	193
2010-11	6383	74878	8495	146554	191	1031	INCLUDING IN FRUIT	
2011-12	6705	76424	8989	156325	254	1652	INCLUDING IN FRUIT	
2012-13	6982	81285	9205	162187	233	1729	INCLUDING IN FRUIT	

Year	Aromatic & Medicinal Plant Crops		Plantation Crops		Spices		Mushroom	Honey	Grand Total	
	A	P	A	P	A	P	P	P	A	P
1991-92	NA	NA	2298	7498	2005	1900	NA	NA	12770	96562
2001-02	NA	NA	2984	9697	3220	3765	40	10	16592	145785
2002-03	NA	NA	2984	9697	3220	3765	40	10	16270	144380
2003-04	NA	NA	3102	13161	5155	5113	40	10	19208	153302
2004-05	131	159	3147	9835	3150	4001	40	10	18445	166939
2005-06	262	202	3283	11263	2366	3705	35	52	18707	182816
2006-07	324	178	3207	12007	2448	3953	37	51	19389	191813
2007-08	397	396	3190	11300	2617	4357	37	65	20207	211235
2008-09	430	430	3217	11336	2629	4145	37	65	20662	214716
2009-10	509	573	3265	11928	2464	4016	41	65	20876	223089
2010-11	510	605	3306	12007	2940	5350	41	65	21825	240531
2011-12	506	566	3577	16359	3212	5951	NA	NA	23242	257277
2012-13	557	918	3641	16985	3076	5744	NA	NA	23694	268847

A = Area (In '000 HA)

P = Production (In '000 MT)

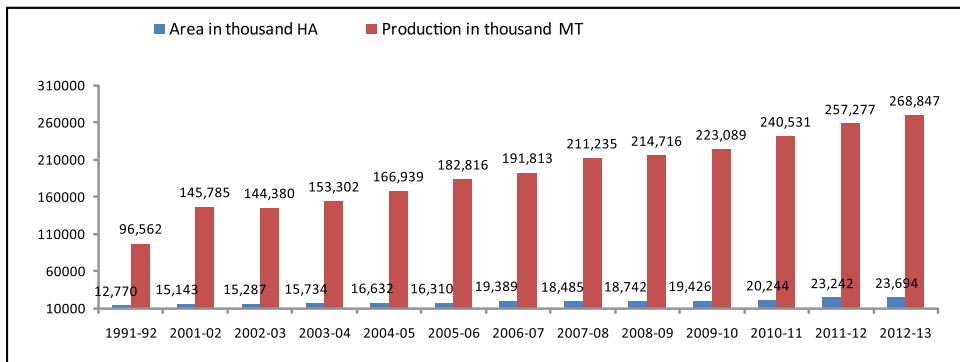
Note : totals may slightly differ due to rounding of figures

Source : Director of Horticulture/Agriculture of respective State/UT's

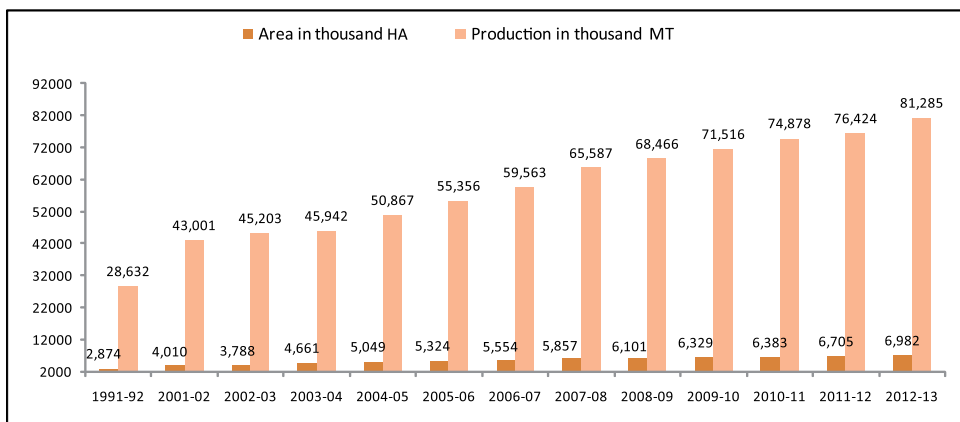


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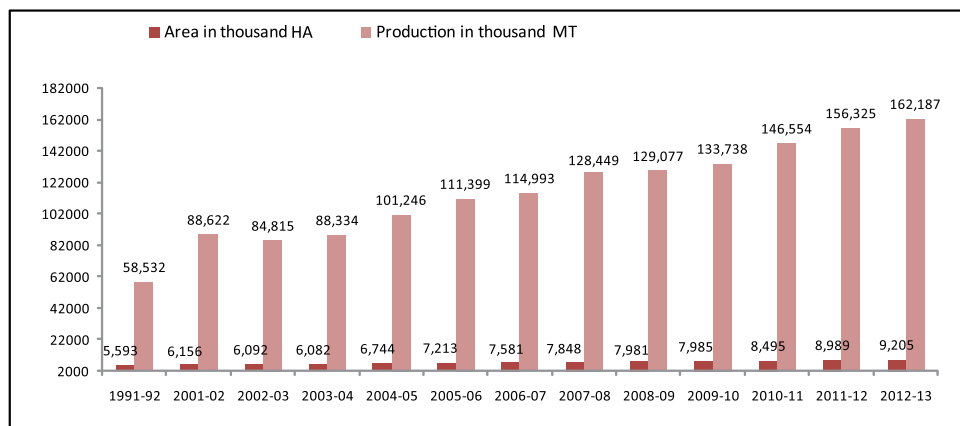
Area and Production Growth Trends for Horticulture Crops



Area and Production Growth Trends for Fruit Crops



Area and Production Growth Trends for Vegetables Crops





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AREA AND PRODUCTION ESTIMATES FOR HORTICULTURE CROPS

Area in '000 HA, Production in '000 MT and Productivity = MT/HA

Crops	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
Fruits									
Banana	830	29780	35.9	797	28455	35.7	776	26509	34.2
Mango	2297	15188	6.6	2378	16196	6.8	2500	18002	7.2
Citrus	846	7464	8.8	915	7922	8.7	1042	10090	9.7
Papaya	106	4196	39.6	117	4457	38.1	132	5382	40.7
Guava	205	2462	12.0	220	2510	11.4	236	3198	13.6
Apple	289	2891	10.0	322	2203	6.8	312	1915	6.1
Pineapple	89	1415	15.9	102	1500	14.7	105	1571	14.9
Sapota	160	1424	8.9	163	1426	8.7	164	1495	9.1
Grapes	111	1235	11.1	116	2221	19.1	118	2483	21.1
Pomegranate	107	743	6.9	112	772	6.9	113	745	6.6
Litchi	78	497	6.4	80	538	6.7	83	580	7.0
Others	1265	7583	6.0	1383	8224	5.9	1402	9315	6.6
Fruits-Total	6383	74878	11.7	6705	76424	11.4	6982	81285	11.6
Vegetables									
Potato	1863	42339	22.7	1907	41483	21.8	1992	45344	22.8
Tomato	865	16526	19.1	907	18653	20.6	880	18227	20.7
Onion	1064	15118	14.2	1087	17511	16.1	1052	16813	16.0
Brinjal	680	11896	17.5	692	12634	18.3	722	13444	18.6
Tapioca	221	8076	36.5	227	8747	38.5	207	7237	35.0
Cabbage	369	7949	21.5	390	8412	21.6	372	8534	22.9
Cauliflower	369	6745	18.3	391	7349	18.8	402	7887	19.6
Okra	498	5784	11.6	518	6259	12.1	231	6350	27.5
Peas	370	3517	9.5	408	3745	9.2	421	4006	9.5
Sweet Potato	113	1047	9.3	110	1073	9.8	112	1132	10.1
Others	2083	27557	13.2	2352	30459	13.0	2815	33213	11.8
Veg.-Total	8495	146554	17.3	8989	156325	17.4	9205	162187	17.6
Aromatic	510	605	1.2	506	566	1.1	557	918	1.6
Almond/Walnut									
Flowers Loose	191	1031	5.4	254	1652	6.5	233	1729	7.4
Flowers Cut*		69027			75066			76732	
Plantation Crops	3306	12007	3.6	3577	16359	4.6	3641	16985	4.7
Spices	2940	5350	1.8	3212	5951	1.9	3076	5744	1.9
Mushroom		41			0				
Honey		65			0				
Grand Total	21825	240531	11.0	23243	257277	11.1	23695	268847	11.3

GROWTH TRENDS

(In percent)

Crops	10-11 OVER 09-10		11-12 OVER 10-11		12-13 OVER 11-12	
	AREA	PRODUCTION	AREA	PRODUCTION	AREA	PRODUCTION
Horticulture	4.5	7.8	6.5	7.0	1.9	4.5
Fruit	0.8	4.7	5.0	2.1	4.1	6.4
Vegetable	6.4	9.6	5.8	6.7	2.4	3.7

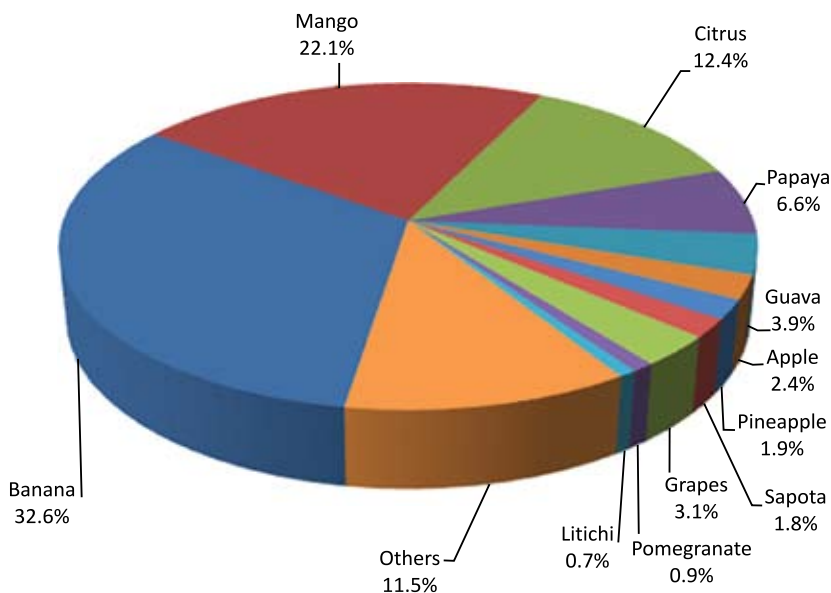
* Lakh Numbers, not included in total

Totals may not match due to rounding off of figures.

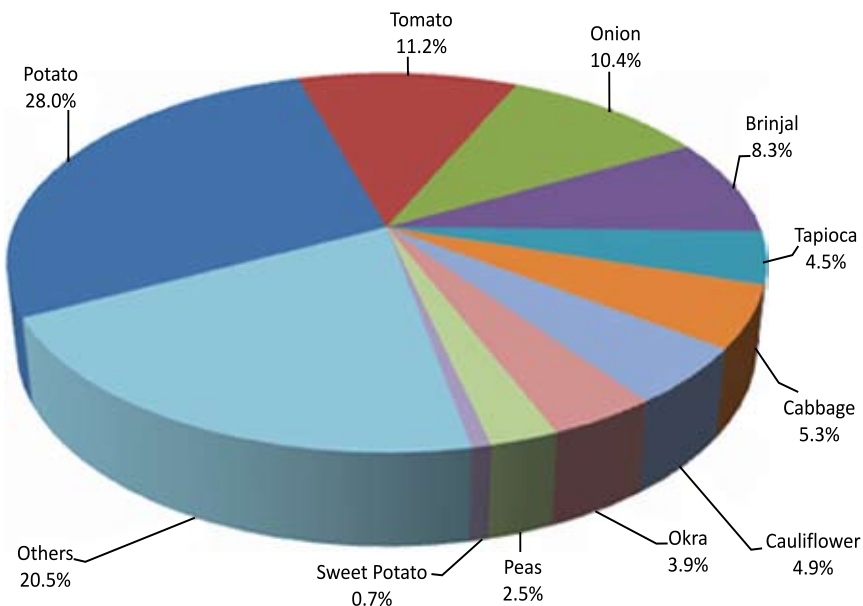
Source : Director of Horticulture / Agriculture of respective State / UT's



Production Share of Major Fruit Crops in India (2012-13)



Production Share of Major Vegetable Crops In India (2012-13)





CROP-WISE AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR PLANTATION CROPS IN INDIA DURING 2010-11, 2011-12 AND 2012-13

Area in '000 ha, Production in '000 MT and Productivity = MT/HA

Crops	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
COCONUT	1895.9	10840.0	5.7	2071	14940	7.2	2137	15609	7.3
CASHEWNUT	953.2	674.6	0.7	979	725	0.7	992	753	0.8
ARECANUT	400.1	478.0	1.2	464	681	1.5	446	609	1.4
COCOA	56.5	14.4	0.3	63	13	0.2	66	13	0.2
TOTAL	3305.7	12007.0	3.6	3577	16359	4.6	3641	16985	4.7

CROP-WISE AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR SPICE CROPS IN INDIA DURING 2010-11, 2011-12 AND 2012-13

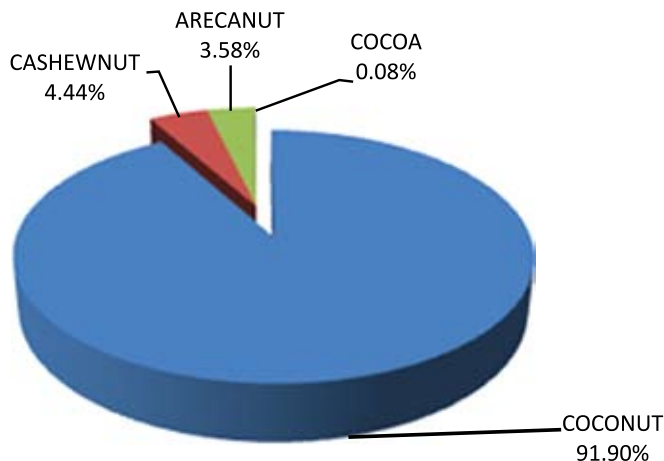
Area in '000 ha, Production in '000 MT and Productivity = MT/HA

Crops	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
Chillies	792.1	1223.4	1.5	805	1276	1.6	794	1304	1.6
Garlic	200.6	1057.8	5.3	242	1228	5.1	248	1259	5.1
Turmeric	195.1	992.9	5.1	219	1167	5.3	194	971	5.0
Ginger	149.1	702.0	4.7	155	756	4.9	136	683	5.0
Coriander	530.5	482.0	0.9	558	533	1.0	543	524	1.0
Tamarind	59.6	206.3	3.5	58	203	3.5	58	202	3.5
Cumin	507.8	314.2	0.6	594	394	0.7	594	394	0.7
Fenugreek	81.2	118.4	1.5	94	116	1.2	93	113	1.2
Fennel	61.8	105.4	1.7	100	143	1.4	100	143	1.4
Pepper	183.8	52.0	0.3	200	41	0.2	125	53	0.4
Cardamom	86.7	15.7	0.2	89	16	0.2	92	18	0.2
Other seed spices	0.0	0.0	0.0	0	0	0.0	0	0	0.0
Ajwan	25.8	22.2	0.9	35	27	0.8	35	27	0.8
Tejpat/Cinnamon	2.9	5.0	1.7	3	5	1.7	3	5	1.7
Clove	2.4	1.2	0.5	2	1	0.5	2	1	0.5
Others (2)	44.7	40.6	0.9	41	32	0.8	41	34	0.8
Total	2940.4	5350.5	1.8	3212	5951	1.9	3075.9	5743.5	1.9

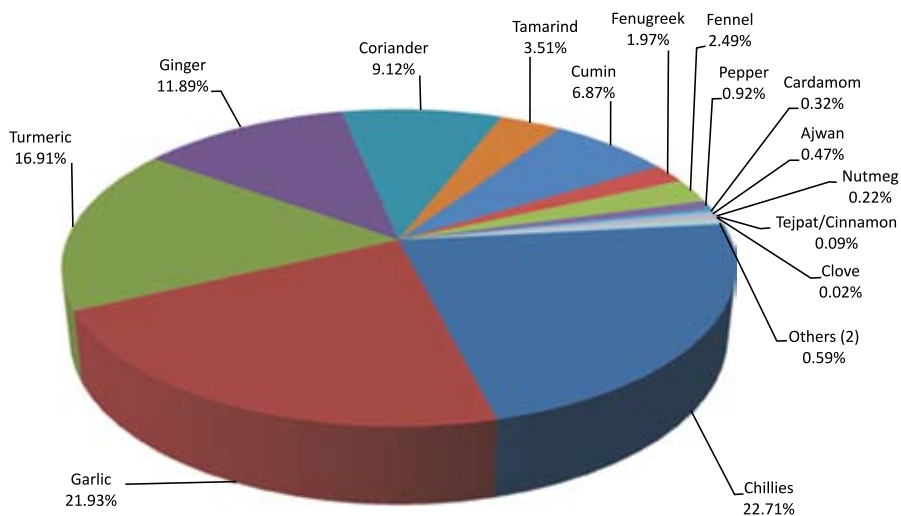
Source : (i) Coconut (CDB), Arecanut (Directorate Arecanut & Spice Dev), Cashew & Cocoa (Directorate of Cashew & Cocoa Development) and State Directorate of Horticulture.
(ii) Spices : Directorate of Arecanut & Spices Development



Production Share of Major Plantation Crops in India (2012-13)



Production Share of Major Spices in India (2012-13)





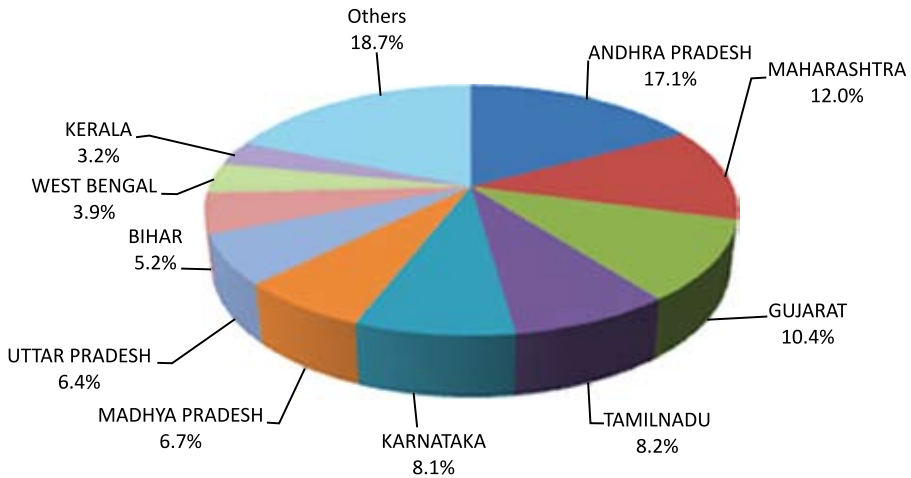
STATE-WISE AREA, PRODUCTION AND PRODUCTIVITY OF FRUITS

STATE/UT'S	AREA (IN '000HA)				PRODUCTION (IN '000MT)				PRODUCTIVITY (IN MT/HA)			
	1991-92	2001-02	2010-11	2011-12	1991-92	2001-02	2010-11	2011-12	1991-92	2001-02	2010-11	2011-12
ANDHRA PRADESH	313.1	575.8	646.1	671.7	940.7	4008.2	6157.4	9417.0	13939.1	12.8	10.7	14.6
MAHARASHTRA	256.1	582.8	1537.0	1560.0	1549.0	3518.4	8840.6	9513.0	10538.0	13.7	15.2	6.2
GUJARAT	84.5	149.0	349.9	353.7	381.5	1828.9	2346.9	7245.0	7522.4	21.6	15.7	20.7
TAMILNADU	136.2	227.5	321.8	332.0	309.9	2316.1	4342.4	9965.0	8535.1	17.0	19.1	31.0
KARNATAKA	209.3	257.1	377.8	371.8	388.2	3191.8	4028.9	6273.6	6428.1	15.2	15.7	16.6
MADHYA PRADESH	64.7	46.6	132.3	159.6	195.4	1245.0	1143.8	3373.5	3391.3	19.2	24.6	25.5
UTTAR PRADESH	303.2	288.3	324.8	337.0	326.2	2449.8	2282.8	5368.4	5795.1	8.1	7.9	16.5
BIHAR	266.9	272.3	296.4	299.2	301.5	2799.2	2877.0	3911.8	3946.4	10.5	10.6	13.2
WEST BENGAL	111.3	147.6	211.6	216.6	220.6	1131.7	1985.5	2952.8	3055.4	10.2	13.5	14.0
KERALA	236.3	234.5	301.3	296.1	314.6	1101.3	1772.6	2508.3	2429.5	4.7	7.6	8.3
ODISHA	136.3	225.0	320.7	329.0	329.4	978.0	1362.9	2048.3	2154.4	7.2	6.1	6.4
ASSAM	72.3	110.8	137.5	142.8	150.7	886.4	1335.1	1763.5	1851.8	12.3	12.0	12.8
JAMMU & KASHMIR	119.1	142.2	325.6	455.7	347.2	700.8	1000.9	2220.5	2329.9	5.9	7.0	6.8
CHHATTISGARH	72.7	37.5	69.8	71.5	74.9	663.8	531.7	1373.2	1419.9	9.1	14.2	19.7
PUNJAB	31.5	72.0	83.8	93.0	93.0	428.7	376.1	718.9	802.1	2.8	1.9	4.0
JHARKHAND	150.5	197.5	179.3	200.7	200.9	113.6	200.7	695.1	613.9	5.0	9.1	13.6
UTTARAKHAND	22.8	22.1	51.1	48.8	48.5	319.1	452.1	643.9	697.9	7.1	16.0	15.8
RAJASTHAN	44.9	28.3	40.8	54.5	60.1	339.9	263.4	1031.1	372.8	2.2	1.2	4.8
TRIPURA	157.2	223.0	214.6	218.0	218.0	110.0	235.2	356.6	476.6	7.9	7.5	7.7
HIMACHAL PRADESH	13.9	31.3	46.3	47.0	48.5	43.0	134.0	286.3	405.9	2.2	5.1	4.2
HARYANA	19.8	26.1	68.7	49.5	51.9	43.0	134.0	286.3	405.9	7.9	7.5	7.7
MANIPUR	24.2	24.0	30.2	32.3	33.2	218.1	186.9	241.9	300.4	9.0	7.8	8.0
MEGHALAYA	20.2	41.6	72.0	85.1	86.9	47.3	124.9	107.9	308.9	2.3	3.0	1.5
ARUNACHAL PRADESH	9.3	19.0	27.0	43.7	49.7	34.8	63.4	211.5	275.7	3.7	3.3	7.8
MIZORAM	5.2	25.0	18.2	33.7	37.2	9.2	302.0	151.3	347.7	1.8	12.1	8.3
NAGALAND	11.0	10.7	11.0	11.1	11.2	84.2	64.7	78.6	154.7	6.0	7.1	13.9
GOA	3.3	3.7	3.1	3.2	3.3	12.9	16.7	28.7	30.5	3.9	4.5	9.3
ANDAMAN & NICOBAR	7.7	12.3	17.5	13.4	14.7	18.8	10.3	25.8	22.5	2.4	0.8	1.5
SIKKIM	1.0	1.1	0.8	0.6	0.5	19.7	24.0	13.6	9.2	9.3	19.7	21.8
PUDUCHERRY	0.30	0.30	0.4	0.2	0.2	0.50	1.10	1.2	0.4	0.5	1.67	3.0
LAKSHADWEEP	0.10	0.10	0.1	0.1	0.0	0.70	1.00	1.0	0.0	7.00	10.00	10.0
DELHI	0.7	0.7	0.0	0.0	0.0	7.1	7.1	0.0	0.0	10.1	10.1	0.0
DADELA & NAGAR HAVELI	0.30	0.40	0.0	0.0	0.0	3.10	3.40	0.00	0.00	10.33	8.50	0.0
DAMAN & DIU	0.10	0.10	0.1	0.0	0.0	1.90	1.10	1.1	0.0	19.00	11.00	11.0
CHANDIGARH	2874.5	4010.2	6383.0	6704.2	6982.0	28632.0	43000.9	74877.6	81285.4	10.0	10.7	11.7
TOTAL	2874.5	4010.2	6383.0	6704.2	6982.0	28632.0	43000.9	74877.6	81285.4	10.0	10.7	11.7

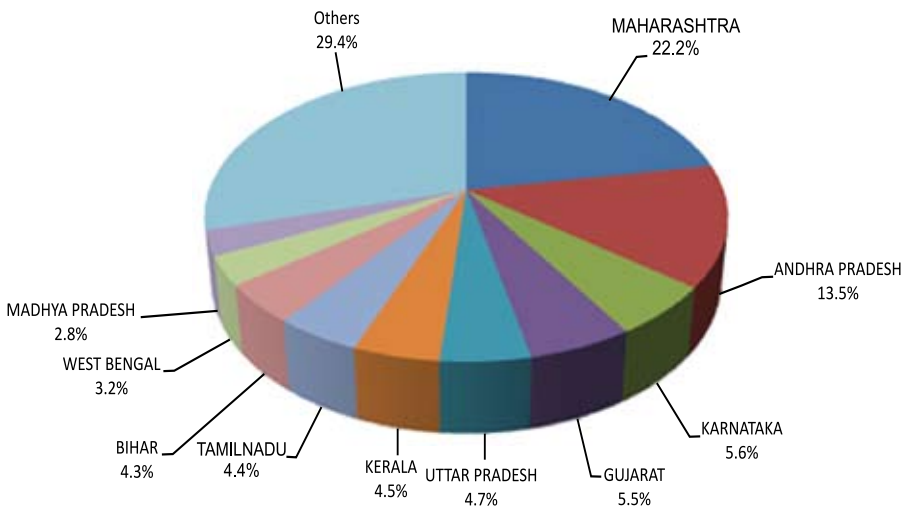
Source : Director of Horticulture / Agriculture of respective State / UT's



Leading Fruit Producing States in Terms of Production(2012-13)



Leading Fruit Producing States in Terms of Area (2012-13)





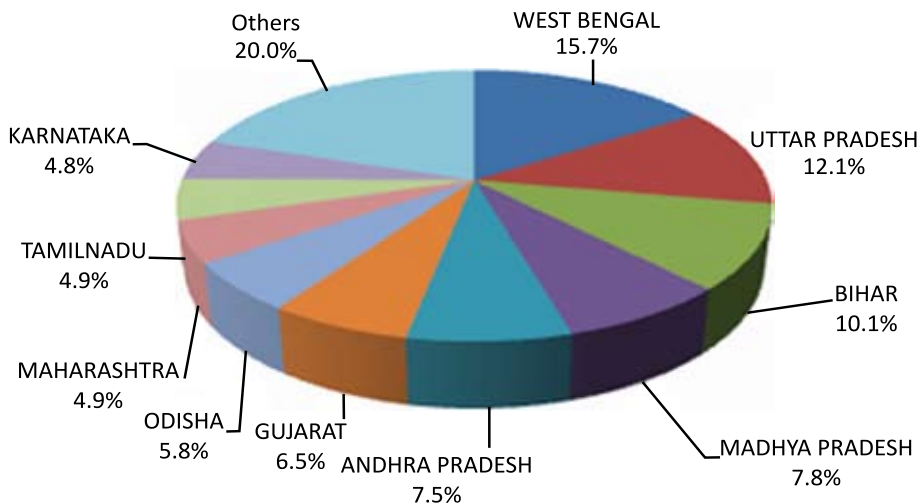
STATE-WISE AREA, PRODUCTION AND PRODUCTIVITY OF VEGETABLES

STATE/UT'S	AREA (IN '000HA)				PRODUCTION(IN '000MT)				PRODUCTIVITY (IN MT/HA)						
	1991-92	2001-02	2010-11	2011-12	2012-13	1991-92	2001-02	2010-11	2011-12	2012-13	1991-92	2001-02	2010-11	2011-12	2012-13
WEST BENGAL	456.0	1139.0	1349.7	1330.94	1347.96	4680.0	18075.3	26725.5	23415.69	25466.81	10.3	15.9	19.8	17.6	18.9
UTTAR PRADESH	576.7	777.9	829.4	852.09	912.66	9627.3	15044.8	17679.4	18563.75	19571.56	16.7	19.3	21.3	21.8	21.4
BIHAR	843.3	578.9	845.0	857.0	861.8	8643.1	8022.9	14630.2	15552.4	16325.7	10.2	13.9	17.3	18.1	18.9
MADHYA PRADESH	176.4	136.4	283.7	507.0	612.8	2221.0	1817.5	3698.6	10084.0	12574.0	12.6	13.3	13.0	19.9	20.5
ANDHRA PRADESH	155.2	222.5	651.2	661.0	686.1	1452.6	2586.7	11847.6	12025.3	12104.7	9.4	11.6	18.2	18.2	17.6
GUJARAT	114.6	232.2	515.9	517.6	537.6	1667.9	3278.2	9379.5	10049.8	10520.7	14.6	14.1	18.2	19.4	19.6
ODISHA	710.3	643.4	553.8	690.1	688.1	7275.0	7447.4	7790.1	9520.6	9464.0	10.2	11.6	14.1	13.8	13.8
MAHARASHTRA	241.1	402.4	611.0	591.0	474.0	4171.3	5128.3	7504.0	8778.0	8008.0	17.3	12.7	12.3	14.9	16.9
TAMILNADU	889.3	213.8	277.3	306.7	277.8	3796.9	5444.6	8279.9	9068.5	7897.9	4.3	25.5	29.9	29.6	28.4
KARNATAKA	351.1	358.1	466.3	454.7	436.6	3673.2	4173.2	9056.4	7682.5	7841.9	10.5	11.7	19.4	16.9	18.0
HARYANA	60.8	150.4	346.4	356.8	360.3	877.0	2151.9	4649.3	5068.4	5011.3	14.4	14.3	13.4	14.2	13.9
CHHATTISGARH		104.1	345.8	351.6	380.7		1355.3	4248.8	4582.6	4993.9		13.0	12.3	13.0	13.1
JHARKHAND		158.5	259.5	261.2	321.5		1736.3	4112.4	3902.6	4325.4		11.0	15.8	14.9	13.5
PUNJAB	84.5	135.0	174.1	178.2	184.1	1450.0	2275.6	3585.8	3674.5	3782.6	17.2	16.9	20.6	20.6	20.5
KERALA	202.1	114.3	149.5	149.1	146.1	3229.1	2541.9	3392.7	3626.0	3446.9	16.0	22.2	22.7	24.3	23.6
ASSAM	222.4	237.4	260.1	266.0	278.7	2132.3	2935.2	2925.5	3045.6	3415.1	9.6	12.4	11.2	11.4	12.3
HIMACHAL PRADESH	38.7	34.6	80.4	85.7	79.5	476.0	639.1	1474.9	1561.5	1521.1	12.3	18.5	18.3	18.2	19.1
JAMMU & KASHMIR	180.3	50.8	69.7	63.1	63.1	745.0	728.9	1559.1	1395.1	1395.5	4.1	14.4	22.4	22.1	22.1
UTTARAKHAND	57.1	93.8	85.8	89.29	88.03	617.6	737.3	1030.9	1066.71	1059.57	10.8	7.9	12.0	11.9	12.0
RAJASTHAN	62.9	99.3	140.3	181.7	224.4	307.0	432.5	885.0	1287.4	873.5	4.9	4.4	6.3	7.1	3.9
TRIPURA	30.3	31.3	36.0	34.2	45.1	306.8	353.2	532.3	552.6	754.1	10.1	11.3	14.8	16.2	16.7
DELHI	55.0	111.0	29.8	27.9	27.9	627.8	747.4	496.8	466.7	439.3	11.4	6.7	16.7	16.7	15.7
MEGHALAYA	25.9	35.7	41.8	39.5	40.5	219.2	265.9	356.5	385.0	403.4	8.5	7.4	8.5	9.8	10.0
MIZORAM	6.0	6.8	17.5	37.4	39.3	31.8	44.1	115.6	221.1	236.7	5.3	6.5	6.6	5.9	6.0
MANIPUR	11.8	10.6	22.2	20.8	21.7	50.3	66.1	236.5	200.3	219.8	4.3	6.2	10.7	9.6	10.1
NAGALAND	8.2	26.3	10.7	33.0	26.0	66.9	286.0	79.4	222.6	207.7	8.2	10.9	7.4	6.7	8.0
SIKKIM	7.6	14.2	23.9	25.0	25.6	46.1	60.0	120.9	127.7	132.5	6.1	4.2	5.1	5.1	5.2
GOA		7.6	5.7	6.5	6.7	76.0	76.0	57.8	78.2	80.5		10.0	10.1	12.0	12.1
ANDAMAN & NICOBAR	3.4	3.1	5.7	6.3	6.4	13.2	15.8	34.5	43.2	44.2	3.9	5.1	6.1	6.8	6.9
ARUNACHAL PRADESH	17.1	20.8	4.2	6.3	1.5	79.9	83.9	38.5	83.5	37.6	4.7	4.0	9.2	13.2	24.7
PUDUCHERRY	2.3	3.7	0.6	0.6	1.5	22.3	54.2	8.8	7.5	25.0	9.7	14.6	14.7	13.6	17.1
DADRA & NAGAR HAVELI	1.5	1.5	1.1	1.1	1.1	13.6	13.5	5.5	5.5	5.5	9.1	9.0	5.0	5.0	5.0
LAKSHADWEEP	0.4	0.2	0.4	0.3	0.3	0.4	0.2	14.1	0.3	0.3	1.0	1.0	35.3	1.2	1.3
DAMAN & DIU	0.1	0.1	0.0	0.0	0.0	0.3	1.1	0.0	0.0	0.0	3.0	11.0			0.0
CHANDIGARH	0.3	0.1	0.1		0.0	11.1	1.7	1.7		0.0	37.0	17.0	17.0		0.0
TOTAL	5136.7	5016.7	8494.6	8989.6	9205.2	53852.0	70546.7	146554.5	156325.5	162186.6	10.5	14.1	17.3	17.4	17.6

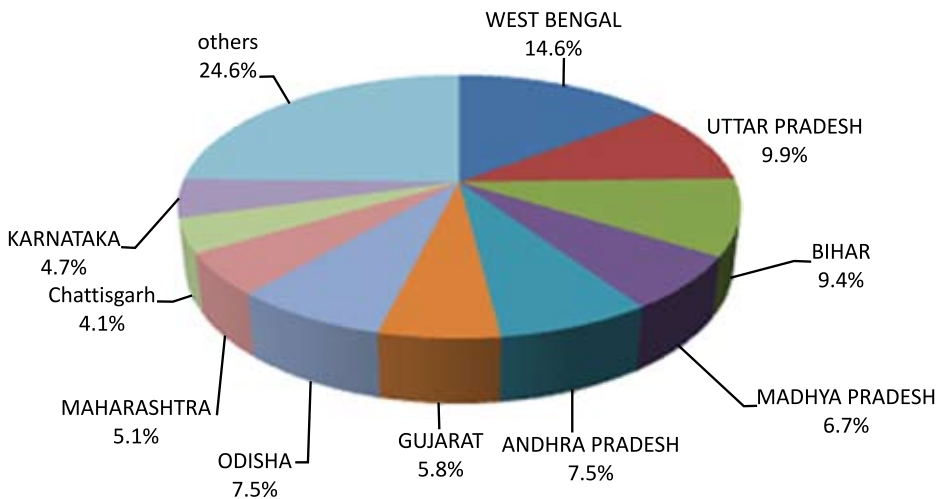
Source : Director of Horticulture / Agriculture of respective State / UT's



Leading Vegetables Producing States in Terms of Productions (2012-13)



Leading Vegetable Producing States in Terms of Area (2012-13)





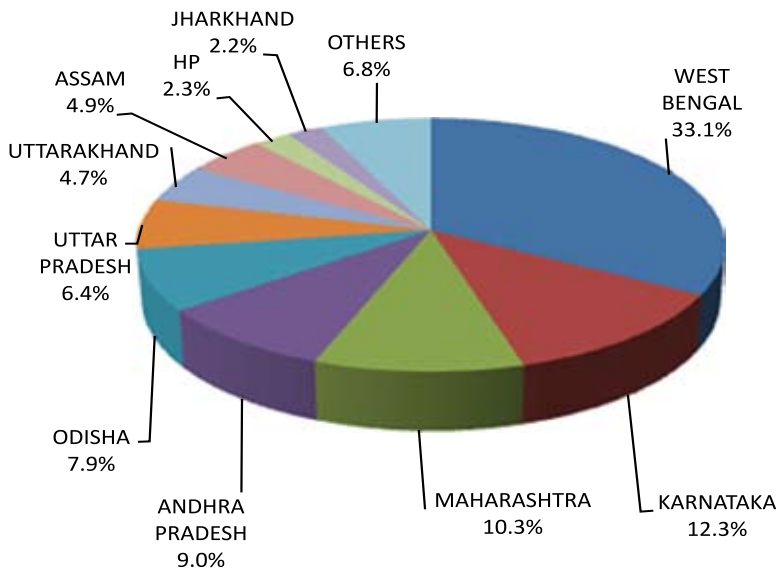
STATE-WISE AREA AND PRODUCTION OF FLOWERS

STATE/UT'S	AREA IN '000 HA			PRODUCTION (LOOSE IN '000 MT AND CUT IN LAKH NOS)					
	2010-11	2011-12	2012-13	2010-11		2011-12		2012-13	
				LOOSE	CUT	LOOSE	CUT	LOOSE	CUT
ANDHRA PRADESH	21.8	64.2	35	133.7	6202.0	389.0	7099.4	224.4	6909.0
TAMILNADU	32.0	32.3	29	247.3		332.81	0.0	312.97	1168.0
KARNATAKA	27.0	29.2	30	203.9	5860.0	211.5	10388.0	207.5	9441.8
MADHYA PRADESH	7.7	15.6	17	6.0		150.7	0.0	193.0	0.0
GUJARAT	12.5	16.0	17	49.5	5063.0	135.5	0.0	149.3	0.0
MAHARASHTRA	17.5	18.9	22	91.1	7914.0	104.0	7914.0	119.0	7914.0
HARYANA	6.2	6.3	6	60.3	1084.0	64.2	1269.5	64.7	1270.6
WEST BENGAL	23.1	23.9	24	59.2	23919.0	63.91	25042.1	65.14	25429.1
HIMACHAL PRADESH	0.7	0.9	1	0.6	606.0	35.3	1948.1	37.7	1760.3
CHHATTISGARH	6.9	8.4	10	27.1		32.9	0.0	37.8	0.0
UTTAR PRADESH	10.4	14.5	16	17.6	2958.0	27.05	4194.0	31.49	4908.0
ODISHA	7.4	7.5	8	3.7	5911.0	26.1	6020.0	26.2	6040.0
SIKKIM	0.2	0.2	0		230.0	25.95	209.1	26.50	214.1
JHARKHAND	1.6	1.6	2	22.0	1711.0	22.0	1711.0	22.0	1711.0
PUNJAB	1.7	2.1	2	82.0		10.1	0.1	10.5	0.0
BIHAR	0.2	0.9	1	2.3	11.0	8.7	1285.0	10.2	324.0
ASSAM	0.0	0.0	2	0.0	0.0	0.0	0.0	11.7	3750.0
DELHI	5.5	5.5	6	5.7	1038.0	5.7	1038.0	5.7	1038.0
RAJASTHAN	5.4	2.5	3	9.6		2.7	0.0	3.7	0.0
UTTARAKHAND	1.3	1.5	2	2.3	3416.0	1.81	3567.6	1.82	3633.0
JAMMU & KASHMIR	0.1	0.2	1	0.2	66.3	1.1	155.9	0.4	222.1
PUDUCHERRY	0.3	0.1	0	2.4		0.4	0.0	0.4	0.0
ANDAMAN & NICOBAR	0.0	0.0	0	4.7		0.3	0.0	0.4	0.0
DAMAN & DIU	0.0	0.0	0	0.0		0.0	0.0	0.0	0.0
MANIPUR	0.0	0.0	0	0.0		0.0	0.0	0.0	0.0
NAGALAND	0.0	0.0	0	0.0		0.0	0.0	0.0	0.0
MIZORAM	0.1	0.1	0	0.0		0.0	15.4	0.0	96.7
ARUNACHAL PRADESH	1.2	1.2	0	0.0	162.0	0.0	349.0	166.8	605.2
TOTAL	190.9	253.7	232.7	1031.3	69027.4	1651.62	75066.0	1729.2	76731.9

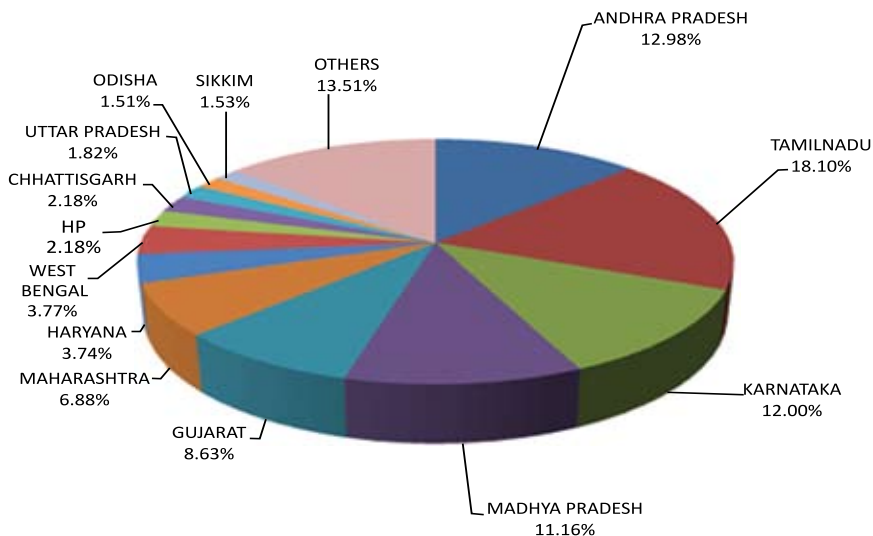
Source : Director of Horticulture / Agriculture of respective State / UT's



Leading cut flower producing states (2012-13)



Leading loose flower producing states (2012-13)





STATEWISE AREA, PRODUCTION & PRODUCTIVITY OF PLANTATION CROPS IN INDIA

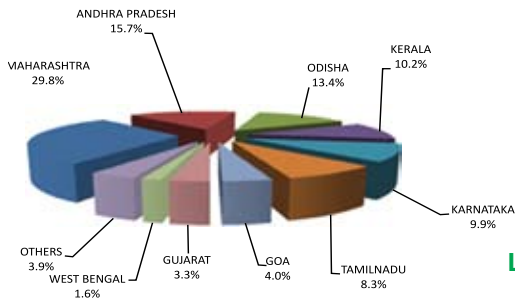
Area in '000 HA, Production in '000 MT

STATE/UT'S	CASHEWNUIT						ARECANUT						COCOA						COCONUT								
	2010-11			2011-12			2012-13			2010-11			2011-12			2012-13			2010-11			2011-12			2012-13		
	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	
ANDAMAN & NICOBAR	1.1	0.3	1.2	0.4	1.2	0.4	4.1	6.0	4.2	6.0	4.2	5.9							21.7	65.4	21.8	72.3	21.9	89.5			
ANDHRA PRADESH	183.0	107.0	184.0	113.6	184.0	118.1	0.3	0.2	5.3	8.5	0.6	0.3	17.5	3.0	18.7	4.0	20.7	4.2	104.0	667.0	142.0	1270.0	128.9	1330.4			
ASSAM			0.6	0.5	0.9	0.5	70.0	62.7	73.1	72.9	75.1	72.6							18.8	101.0	20.8	194.8	22.2	110.3			
BIHAR																					15.2	97.5	15.3	97.1			
CHHATTISGARH	33.0	19.0	13.5	15.0	13.5	9.6													0.7	6.3	0.8	6.3	1.4	7.9			
GOA	56.0	24.0	57.5	28.8	57.5	30.0	1.9	2.8	1.7	2.9	1.7	2.9							25.6	88.0	25.7	89.0	25.7	84.5			
GUJARAT	7.1	21.3	7.6	22.9	8.0	24.5													16.0	108.0	20.9	217.9	21.1	221.9			
JHARKHAND			10.5	4.0	11.5	4.6																					
KARNATAKA	119.0	57.0	121.3	66.0	122.1	74.6	184.5	224.0	236.8	380.8	221.4	358.6	9.5	3.4	10.6	2.0	10.9	2.1	419.0	1497.0	511.0	3784.6	513.1	4169.9			
KERALA	78.0	71.0	82.9	74.0	84.9	77.0	97.2	112.1	97.1	117.3	96.6	96.3	11.6	7.0	12.3	5.9	12.5	6.1	788.0	3992.0	766.0	3973.9	798.2	3990.4			
LAKSHADWEEP																			2.7	40.0	2.6	48.7	2.6	48.8			
MAHARASHTRA	181.0	208.0	183.0	216.0	184.2	224.6	2.2	3.6	2.2	3.6	2.2	3.6							21.0	120.0	21.0	120.0	28.1	129.0			
MEGHALAYA			8.0	9.0	8.5	9.4	12.4	17.1	14.6	19.8	14.6	19.8															
MIZORAM			0.0	2.0			6.6	8.2	5.0	12.4	7.6	4.3															
NAGALAND							0.2	1.3	0.2	1.3	0.2	0.1							0.9	0.3	0.9	0.3	1.3	10.4			
ODISHA	149.0	91.0	157.5	96.0	163.9	100.8													51.0	190.0	53.9	258.0	54.3	262.2			
PUDUCHERRY							0.1	0.1	0.1	0.1	0.1	0.1							2.1	20.0	2.1	20.0	2.0	23.2			
TAMILNADU	135.0	65.0	136.4	60.0	136.4	62.4	5.0	10.4	6.4	15.7	6.1	13.2	17.9	1.0	21.4	1.0	22.4	1.0	390.0	3692.0	430.7	4515.6	465.1	4760.7			
TRIPURA			3.9	5.5	4.1	4.7	4.4	8.4	5.6	17.7	4.7	9.9							5.8	8.0	6.2	18.1	6.5	18.9			
WEST BENGAL	11.0	11.0	11.0	11.6	11.0	12.1	11.4	21.2	11.5	21.8	11.4	21.2							28.6	245.0	29.1	252.9	29.2	254.2			
TOTAL	953.2	674.6	978.8	725.2	991.6	753.4	400.3	478.1	463.9	680.7	446.4	608.7	56.5	14.4	63.0	12.9	66.5	13.4	1895.9	10840.0	2070.8	14939.9	2136.7	15609.1			

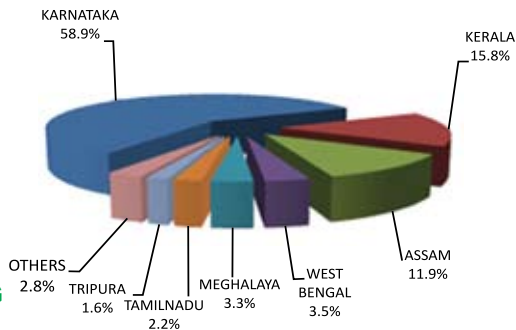
Source : Coconut (CDB), Arecanut (Directorate Arecanut & Spice Dev), Cashew & Cocoa (Directorate of Cashew & Cocoa Development) and State Directorate of Horticulture.



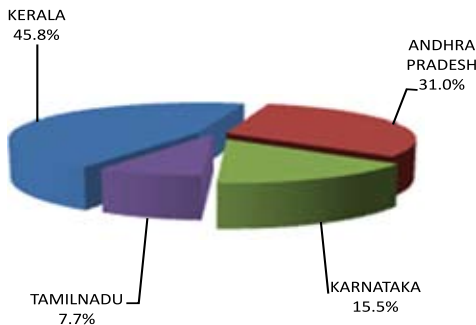
LEADING CASHEWNUIT PRODUCING STATES DURING 2012-13



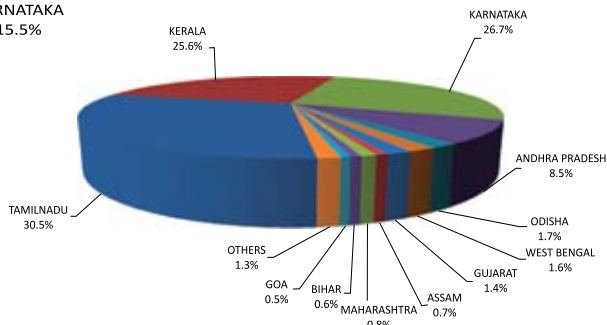
LEADING ARECANUT PRODUCING STATES DURING 2012-13



LEADING COCOA PRODUCING STATES DURING 2012-13



LEADING COCONUT PRODUCING STATES DURING 2012-13





STATEWISE AREA, PRODUCTION & PRODUCTIVITY OF MAJOR SPICES IN INDIA

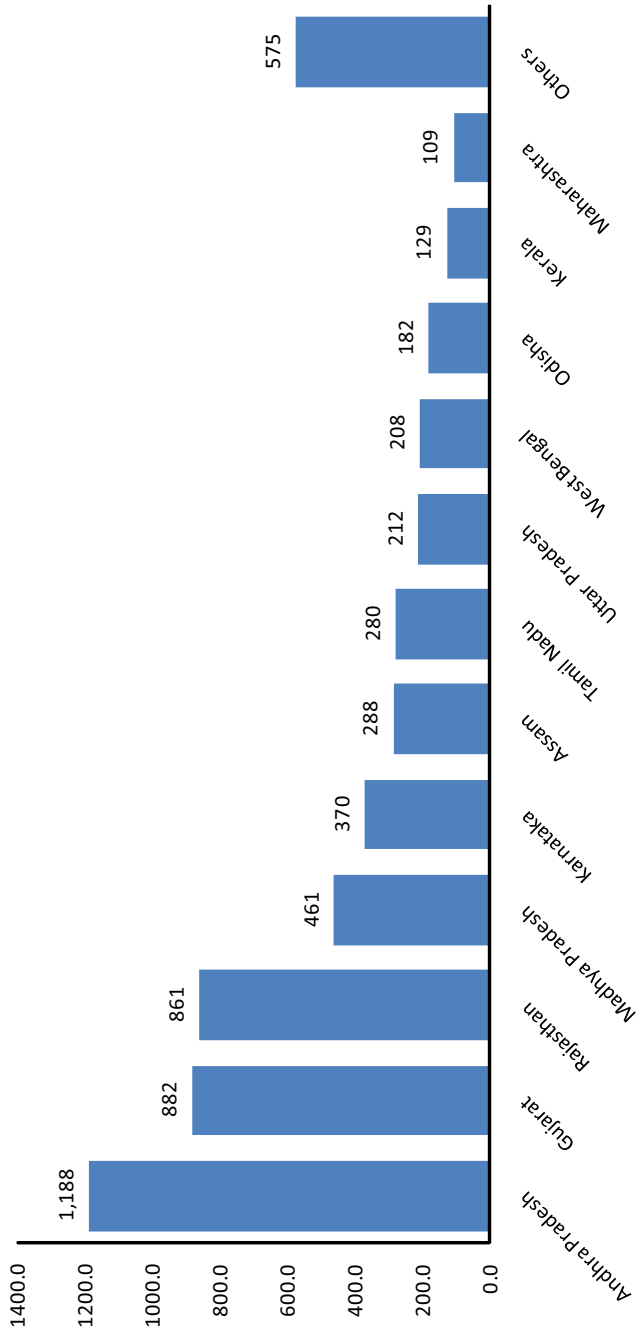
Area in '000 HA, Production in '000MT & Productivity=MT/HA

State	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
Andhra Pradesh	289.2	1069.2	3.7	292.8	1129.3	3.9	312.6	1187.7	3.8
Gujarat	479.4	792.6	1.7	551.7	882.1	1.6	551.7	882.1	1.6
Rajasthan	598.9	668.0	1.1	730.5	871.6	1.2	720.6	860.9	1.2
Karnataka	259.1	460.4	1.8	265.1	502.5	1.9	213.8	369.9	1.7
Madhya Pradesh	287.5	413.7	1.4	299.9	461.2	1.5	299.9	461.2	1.5
Tamil Nadu	134.3	341.2	2.5	157.3	426.4	2.7	124.4	279.6	2.2
Assam	89.2	222.1	2.5	93.0	261.6	2.8	96.7	287.5	3.0
Uttar Pradesh	56.6	200.7	3.5	58.3	202.0	3.5	60.2	212.3	3.5
West Bengal	96.9	192.9	2.0	97.1	207.7	2.1	97.6	207.7	2.1
Odisha	124.0	174.7	1.4	123.9	187.5	1.5	123.9	181.5	1.5
Kerala	234.8	113.1	0.5	254.6	112.8	0.4	170.0	128.9	0.8
Mizoram	21.4	110.5	5.2	20.6	115.0	5.6	22.5	59.6	2.7
Maharashtra	116.5	100.6	0.9	116.5	106.5	0.9	120.8	109.0	0.9
Haryana	15.1	77.9	5.2	12.8	61.7	4.8	16.1	82.8	5.1
Meghalaya	16.8	71.4	4.3	16.8	74.8	4.4	16.9	74.8	4.4
Punjab	18.4	63.5	3.4	18.4	68.2	3.7	18.4	68.2	3.7
Arunachal Pradesh	10.1	61.6	6.1	10.1	61.6	6.1	10.2	64.3	6.3
Sikkim	24.4	52.4	2.1	24.4	54.4	2.2	26.6	60.1	2.3
Uttarakhand	6.7	38.7	5.8	6.6	38.8	5.9	8.1	41.1	5.1
Nagaland	7.5	38.5	5.2	9.8	39.2	4.0	9.8	39.2	4.0
Manipur	10.5	24.1	2.3	10.5	24.1	2.3	10.5	24.1	2.3
Himachal Pradesh	6.6	19.6	2.9	4.8	19.3	4.0	7.3	10.3	1.4
Tripura	5.8	18.1	3.1	5.7	18.0	3.2	5.7	18.0	3.2
Bihar	13.0	12.5	1.0	13.0	12.5	1.0	13.0	12.5	1.0
Chhattisgarh	11.7	8.3	0.7	11.7	8.3	0.7	12.3	15.4	1.2
A & N Islands	1.6	3.1	1.9	1.7	3.0	1.8	1.7	3.6	2.1
J& Kashmir	3.9	0.9	0.2	4.1	1.1	0.3	4.1	1.1	0.3
Goa	0.7	0.2	0.3	0.7	0.2	0.3	0.7	0.2	0.3
Puducherry	0.0	0.0	1.4	0.1	0.1	1.3	0.0	0.0	1.0
Total	2940.4	5350.5	1.8	3212.5	5951.5	1.9	3075.9	5743.5	1.9

Source : Directorate of Arecanut & Spices Development



Leading Spices Producing States during 2012-13 (in '000MT)

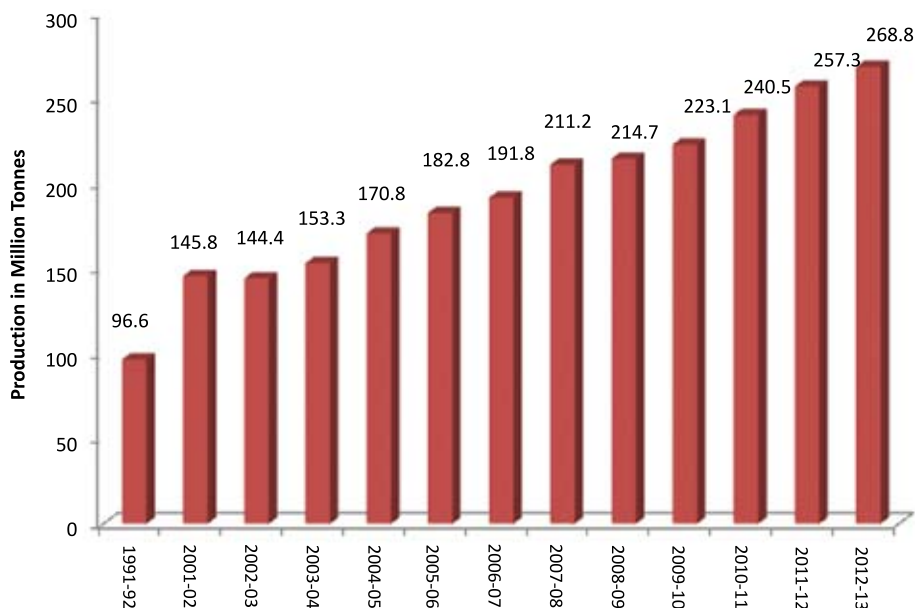




ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF HORTICULTURAL CROPS

YEAR	AREA (IN MILLION HA)	PRODUCTION (IN MILLION MT)	PRODUCTIVITY (IN MT/HA)
1991-92	12.8	96.6	7.5
2001-02	16.6	145.8	8.8
2002-03	16.3	144.4	8.9
2003-04	19.2	153.3	8.0
2004-05	21.1	170.8	8.1
2005-06	18.7	182.8	9.8
2006-07	19.4	191.8	9.9
2007-08	20.2	211.2	10.5
2008-09	20.7	214.7	10.4
2009-10	20.9	223.1	10.7
2010-11	21.8	240.5	11.0
2011-12	23.2	257.3	11.1
2012-13	23.7	268.8	11.3

Indian Horticulture Production At A Glance (in Million MT)



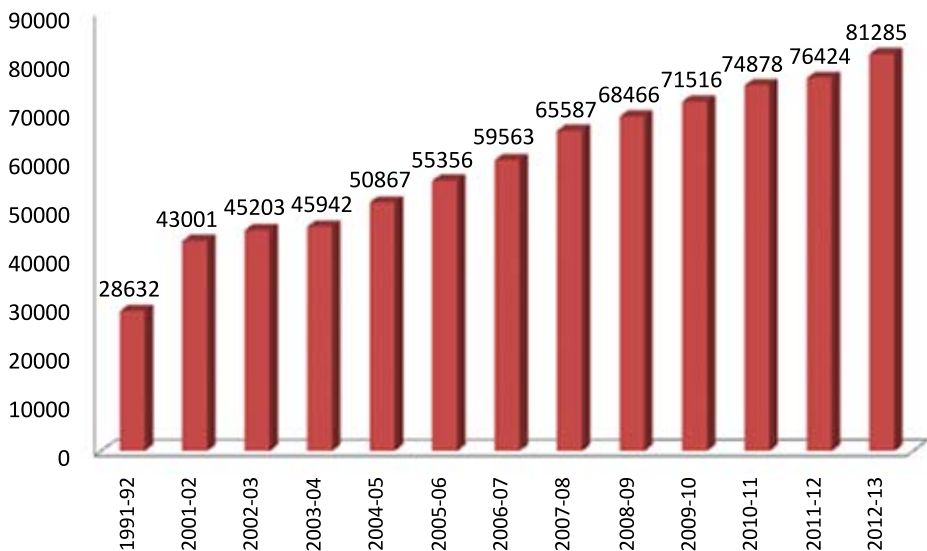
Source : Director of Horticulture / Agriculture of respective State / UT's



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF FRUITS

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000MT)	PRODUCTIVITY (IN MT/HA)
1991-92	2874	28632	10.0
2001-02	4010	43001	10.7
2002-03	3788	45203	11.9
2003-04	4661	45942	9.9
2004-05	5049	50867	10.1
2005-06	5324	55356	10.4
2006-07	5554	59563	10.7
2007-08	5857	65587	11.2
2008-09	6101	68466	11.2
2009-10	6329	71516	11.3
2010-11	6383	74878	11.7
2011-12	6705	76424	11.4
2012-13	6982	81285	11.6

ALL INDIA PRODUCTION OF FRUITS AT A GLANCE (in thousand MT)



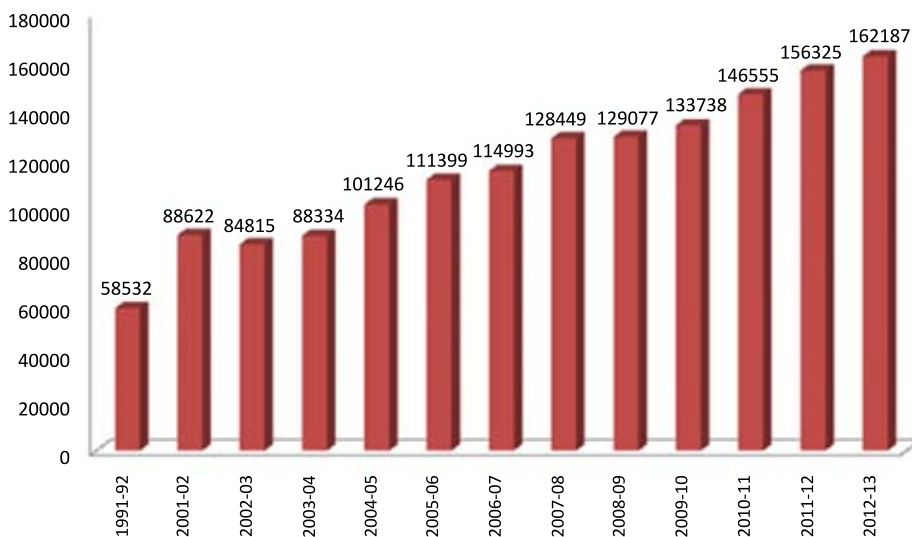
Source : Director of Horticulture / Agriculture of respective State / UT's



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF VEGETABLES

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000 MT)	PRODUCTIVITY (IN MT/HA)
1991-92	5593	58532	10.5
2001-02	6156	88622	14.4
2002-03	6092	84815	13.9
2003-04	6082	88334	14.5
2004-05	6744	101246	15.0
2005-06	7213	111399	15.4
2006-07	7581	114993	15.2
2007-08	7848	128449	16.4
2008-09	7981	129077	16.2
2009-10	7985	133738	16.7
2010-11	8495	146555	17.3
2011-12	8989	156325	17.4
2012-13	9205	162187	17.6

ALL INDIA PRODUCTION OF VEGETABLES AT A GLANCE (in thousand MT)



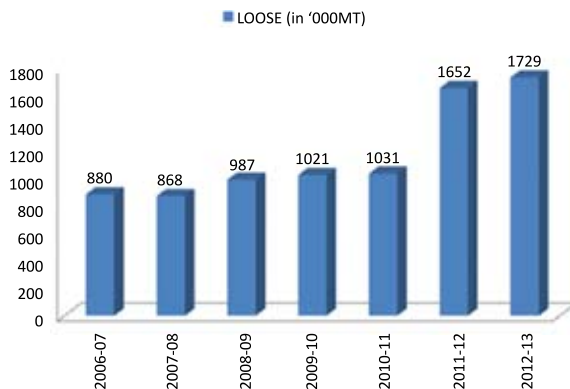
Source : Director of Horticulture / Agriculture of respective State / UT's



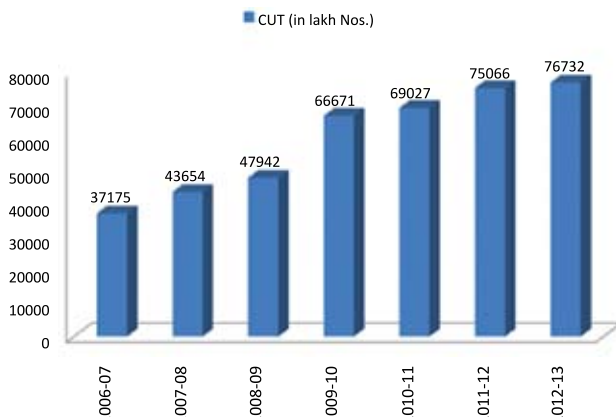
ALL INDIA AREA, PRODUCTION OF FLOWERS

YEAR	AREA (IN '000 HA)	PRODUCTION	
		LOOSE (IN '000MT)	CUT (IN LAKH NOS.)
2006-07	144	880	37175
2007-08	166	868	43654
2008-09	167	987	47942
2009-10	183	1021	66671
2010-11	191	1031	69027
2011-12	254	1652	75066
2012-13	233	1729	76732

ALL INDIA PRODUCTION OF FLOWERS AT A GLANCE



ALL INDIA PRODUCTION OF FLOWERS AT A GLANCE



Source : Director of Horticulture / Agriculture of respective State / UT's

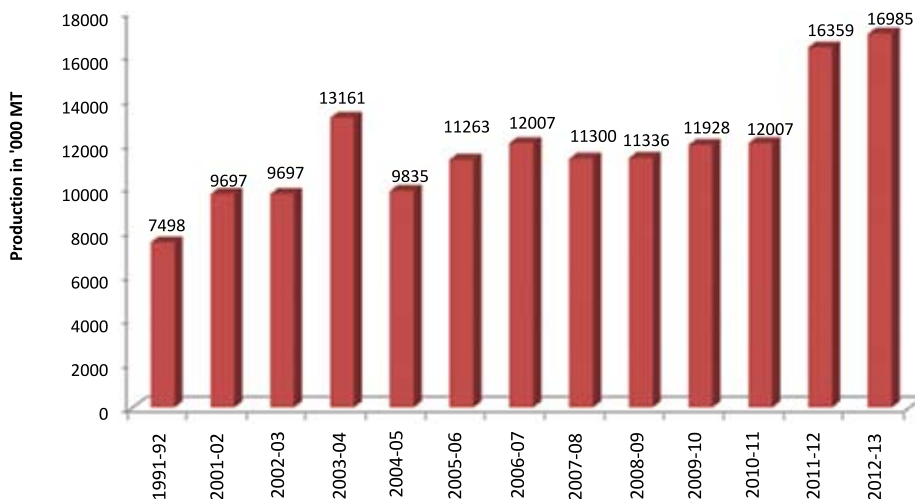


ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF PLANTATION CROP

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000MT)	PRODUCTIVITY (IN MT/HA)
1991-92	2298	7498	3.3
2001-02	2984	9697	3.3
2002-03	2984	9697	3.3
2003-04	3102	13161	4.2
2004-05	3147	9835	3.1
2005-06	3283	11263	3.4
2006-07	3207	12007	3.7
2007-08	3190	11300	3.5
2008-09	3217	11336	3.5
2009-10	3265	11928	3.7
2010-11	3306	12007	3.6
2011-12	3577	16359	4.6
2012-13	3641	16985	4.7

Note : Plantation Crops include data of Cashewnut, Arecanut, Cocoa and Coconut

PRODUCTION TREND OF PLANTATION CROPS IN INDIA



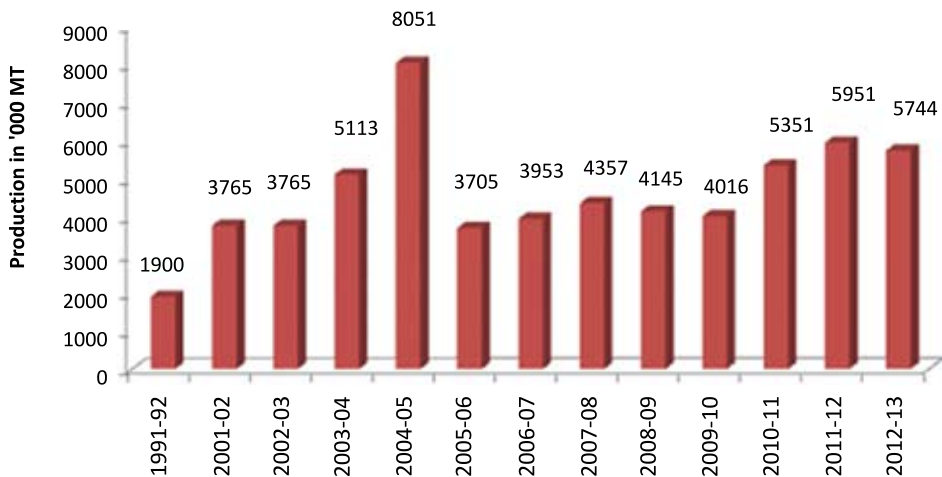
Source : Coconut (CDB), Arecanut (Directorate Arecanut & Spice Dev), Cashew & Cocoa (Directorate of Cashew & Cocoa Development) and State Directorate of Horticulture.



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF SPICES

YEAR	AREA (IN '000HA)	PRODUCTION (IN '000 MT)	PRODUCTIVITY (IN MT/HA)
1991-92	2005	1900	0.9
2001-02	3220	3765	1.2
2002-03	3220	3765	1.2
2003-04	5155	5113	1.0
2004-05	5909	8051	1.4
2005-06	2366	3705	1.6
2006-07	2448	3953	1.6
2007-08	2617	4357	1.7
2008-09	2629	4145	1.6
2009-10	2464	4016	1.6
2010-11	2940	5351	1.8
2011-12	3212	5951	1.9
2012-13	3076	5744	1.9

PRODUCTION TREND OF SPICES IN INDIA



Source : Directorate of Arecanut & Spices Development



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF ALMOND & WALNUT

YEAR	AREA (IN '000HA)	PRODUCTION (IN '000 MT)	PRODUCTIVITY (IN MT/HA)
2001-02	107	114	1.1
2002-03	117	114	1.0
2003-04	106	121	1.1
2004-05	106	121	1.1
2005-06	130	149	1.2
2006-07	132	150	1.1
2007-08	132	177	1.3
2008-09	136	173	1.3
2009-10	142	193	1.4
2010-11	137	201	1.5
2011-12	172	288	1.7
2012-13	144	242	1.7

ALL INDIA PRODUCTION OF MUSHROOM

YEAR	PRODUCTION (IN '000MT)
2001-02	40
2002-03	40
2003-04	40
2004-05	40
2005-06	35
2006-07	37
2007-08	37
2008-09	37
2009-10	41
2010-11	41
2011-12	NA
2012-13	NA

ALL INDIA PRODUCTION OF HONEY

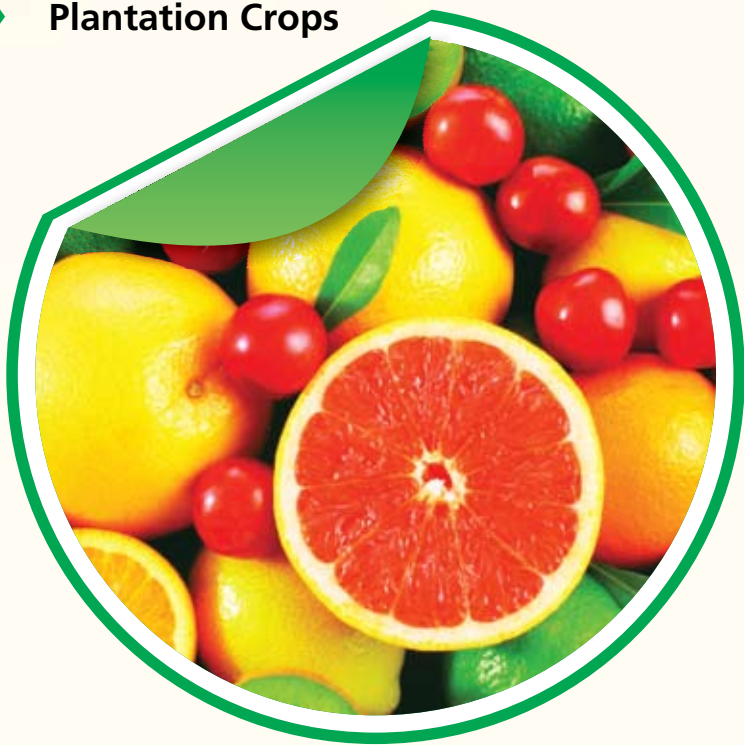
YEAR	PRODUCTION (IN '000MT)
2001-02	10
2002-03	10
2003-04	10
2004-05	10
2005-06	52
2006-07	51
2007-08	65
2008-09	65
2009-10	65
2010-11	65
2011-12	NA
2012-13	NA

Source : Director of Horticulture / Agriculture of respective State / UT's

CHAPTER-II

COMMODITY-WISE STATUS

- ◆ Fruit Crops
- ◆ Vegetable Crops
- ◆ Potato & Tuber Crops
- ◆ Plantation Crops





APPLE

Origin	- Eastern Europe and Western Asia
Major Producing States	- Jammu & Kashmir, Himachal Pradesh, Uttarakhand & Arunachal Pradesh
Latest Production	- 19.15 Lakh Tonnes
Name of Variety (Early Season)	Recommended Areas
Michal	Jammu & Kashmir, Uttarakhand, Tamil Nadu (Ooty and Kodaikanal), Arunachal Pradesh, Nagaland, Mizoram, Sikkim
Mollies Delicious	Jammu & Kashmir, Uttarakhand, Tamil Nadu (Ooty and Kodaikanal), Arunachal Pradesh, Nagaland, Mizoram
Shlomit	Jammu & Kashmir, Uttarakhand, Tamil Nadu (Ooty and Kodaikanal), Arunachal Pradesh, Nagaland, Mizoram
Maayan	Jammu & Kashmir, Uttarakhand, Tamil Nadu (Ooty and Kodaikanal), Arunachal Pradesh, Nagaland, Mizoram, Sikkim
Anna	Himachal Pradesh, Jammu & Kashmir, Uttarakhand, Tamil Nadu (Ooty and Kodaikanal), Nagaland, Mizoram
Chaubattia Anupam	Jammu & Kashmir, Uttarakhand, Nagaland, Mizoram
Tydemans Early Worcester	Himachal Pradesh, Jammu & Kashmir, Uttarakhand, Tamil Nadu (Ooty and Kodaikanal), Arunachal Pradesh, Nagaland, Mizoram, Sikkim
(Mid Season)	
Royal Delicious	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Rich-e-Red	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Red Delicious	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Starkrimson	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Red Chief	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Well Spur	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand, Sikkim
Oregon Spur	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand, Sikkim
Red Spur	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand, Sikkim
Gala	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Granny Smith	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Gala must	Jammu & Kashmir, Arunachal Pradesh, Uttarakhand
Bright-n-early	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Cooper-4	Jammu & Kashmir, Arunachal Pradesh, Uttarakhand
Vance Delicious	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Skyline Supreme	Jammu & Kashmir, Himachal Pradesh
Silver Spur	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand



Golden Spur	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Cithlodh Apple-1	Jammu & Kashmir, Arunachal Pradesh
(Late Season)	
Firdous	Jammu & Kashmir, Arunachal Pradesh, Uttarakhand
Lal Ambri	Jammu & Kashmir, Arunachal Pradesh, Uttarakhand
Topred	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Sunhari	Jammu & Kashmir, Arunachal Pradesh, Uttarakhand
Golden Delicious	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Red Gold	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand
Ambri	Jammu & Kashmir, Uttarakhand
Fuji	Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Uttarakhand

Major Apple Producing Belts in India

Arunachal Pradesh	:	West Kameng, Tawang, Lower Subansiri, East Kameng, Upper Siang, Upper Dibang Valley
Jammu & Kashmir	:	Srinagar, Ganderbal, Budgam, Anantnag, Kulgam, Pulwama, Shopian, Baramulla, Bandipora, Kupwara, Kathua, Udhampur, Reasi, Doda, Kishtwar, Ramban, Rajouri, Poonch, Leh, Kargil
Himachal Pradesh	:	Shimla (Kotkhai, Jubbal, Rohroo, Rampur, Theog, Chopal, Kumarsain, Kotgarh Dodra Kewar, Kullu (Kullu, Anni, Manali, Nirmaland, Sainj), Mandi (Karsog, Janjhaili, Banjar), Chamba (Pangi, Bharmour, Saluni), Kinnaur (Rekong Peo, Ropa Valley, Sangla Valley, Chango, Pooh), Lahul Spiti (Kaza, Lahul), Kangra (Multhan, Bara, Bhawal, Chota Bhawal), Sirmour (Rajgarh)
Mizoram	:	Champhai
Nagaland	:	Zunheboto, Phek, Kiphire
Sikkim	:	North Sikkim (Lachung), West Sikkim (Ribdi, Okhrey)
Tamil Nadu	:	Krishnagiri, Nilgiris, Dindigul
Uttarakhand	:	Nainital, Dehradun, Chamoli, Tehri, Uttarkashi

Advance Technology	-	High density planting on Mailing root stock
Pre- cooling	-	Forced air
Storage Conditions	-	
Temperature	-	-10 to 00 with exceptions
Relative Humidity	-	90-95 % *
Storage Period	-	2-8 Months (depends on variety)
Freezing Point	-	-1.70 C approx.
Treatment for quality	-	Pre storage treatment with Antioxidant within a week of harvesting.
Sensibility to	-	Odours



HARVESTING SEASON OF APPLE

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												



ROUND THE YEAR



PEAK SEASON



LEAN SEASON

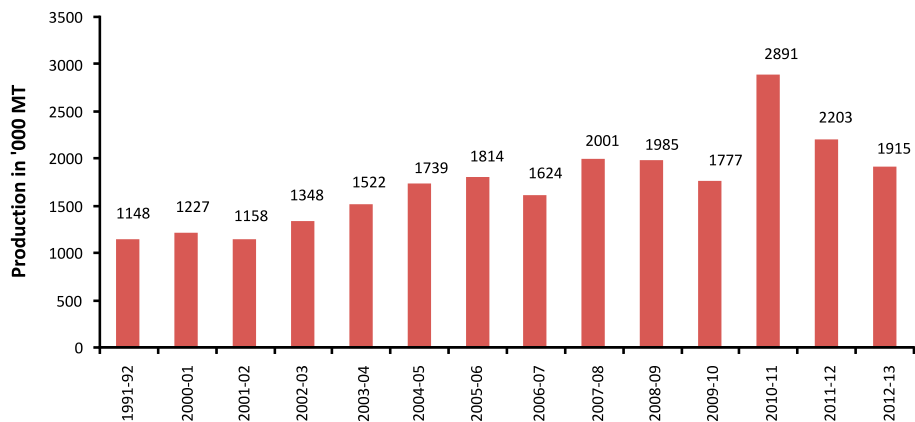
Source : Director of Horticulture / Agriculture of respective State / UT's



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF APPLE

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	194.5	6.8	1147.7	4.0	5.9
2000-01	239.8	6.2	1226.6	2.8	5.1
2001-02	241.6	6.0	1158.4	2.7	4.8
2002-03	193.1	5.1	1348.4	3.0	7.0
2003-04	201.2	4.3	1521.6	3.3	7.6
2004-05	230.7	4.6	1739.0	3.5	7.5
2005-06	226.6	4.3	1814.0	3.3	8.0
2006-07	252.0	4.5	1624.0	2.7	6.4
2007-08	264.0	4.5	2001.0	3.1	7.6
2008-09	274.0	4.5	1985.0	2.9	7.2
2009-10	282.9	4.5	1777.2	2.5	6.3
2010-11	289.1	4.5	2891.0	3.9	10.0
2011-12	321.9	4.8	2203.4	2.9	6.8
2012-13	311.5	4.5	1915.4	2.4	6.1

PRODUCTION TREND OF APPLE



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF APPLE

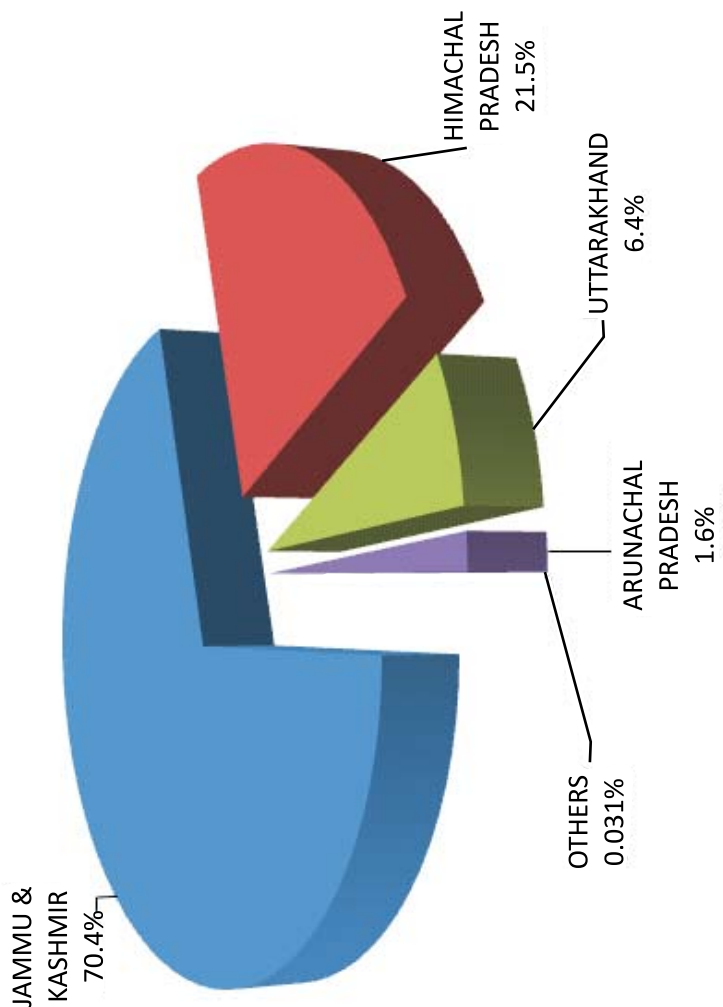
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
JAMMU & KASHMIR	141.7	1852.4	13.1	170.6	1775.0	10.4	157.28	1348.2	8.6
HIMACHAL PRADESH	101.5	892.1	8.8	103.6	275.0	2.7	106.23	412.4	3.9
UTTARAKHAND	33.0	135.9	4.1	33.7	122.7	3.6	33.76	123.2	3.7
ARUNACHAL PRADESH	12.8	10.0	0.8	13.9	30.5	2.2	14.07	31.0	2.2
OTHERS	0.1	0.2	2.7	0.0	0.1	4.3	0.2	0.6	3.0
TOTAL	289.1	2890.6	10.0	321.8	2203.4	6.8	311.5	1915.4	6.1

Source : Director of Horticulture / Agriculture of respective State / UT's



Leading Apple Producing States (2012-2013)





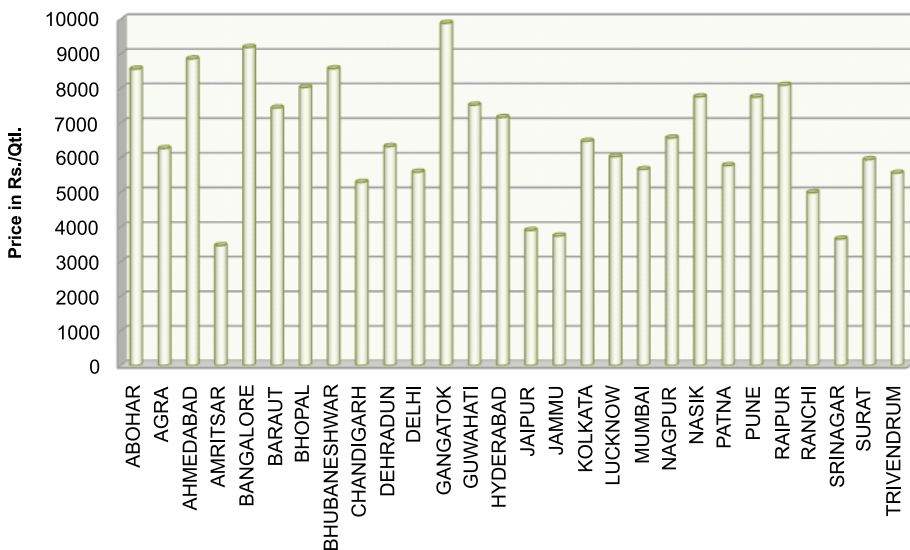
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF APPLE DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qtl.
Total Arrival in M. T.

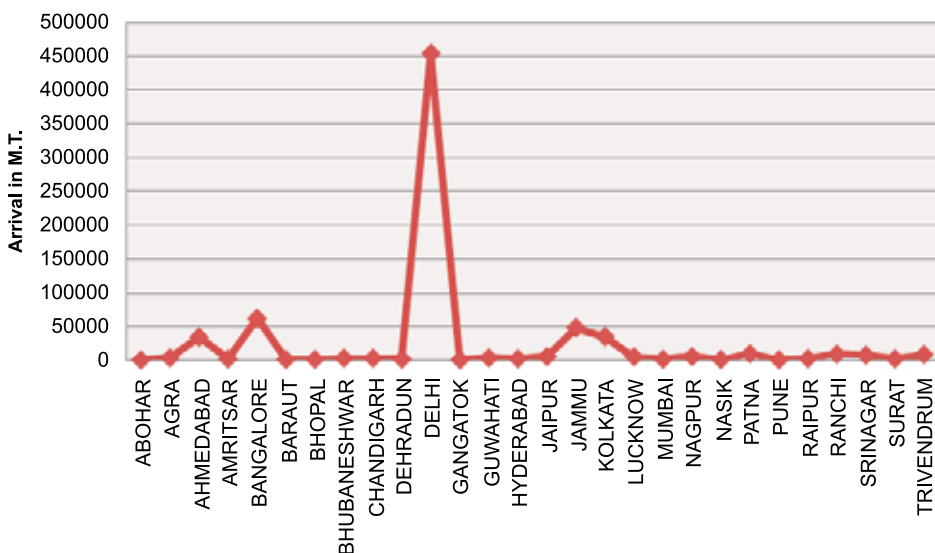
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual			
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival		
ABDHAR	0	0	0	0	9000	5	8125	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8563	10		
AGRA	5366	963	5803	647	6307	494	6615	323	6723	401	6779	158	0	0	0	0	0	0	0	0	0	0	0	0	6266	2986		
AHMEDABAD	8841	1389	8217	1362	8250	871	9525	853	11625	326	12714	625	12917	4237	7825	6401	5941	5251	5906	6288	6882	5250	1080	2893	467	3462	1594	
AMRITSAR	0	0	5087	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2806	1090	2893	467	3462	1594	
BANGALORE	7658	762	8565	560	9457	550	10717	520	12560	480	10640	530	10540	20962	0	0	0	0	7618	9460	6679	16380	7420	11000	9185	61204		
BARAUT	6294	25	6675	24	7346	24	8024	19	9231	26	10498	25	12794	27	9554	27	4502	126	4614	110	4398	68	5314	27	7437	528		
BHOPAL	6635	389	7152	181	8371	153	8232	97	9705	44	10624	17	0	0	0	0	0	0	0	0	0	0	0	0	5500	28	8031	909
BHUBANESHWAR	8877	274	9235	223	9489	218	10507	143	11000	3	0	0	0	0	0	0	0	7500	10	6807	512	6528	607	7207	613	8572	2603	
CHANDIGARH	4554	333	4868	472	6408	375	6811	192	0	0	0	0	0	0	0	0	0	0	0	0	4460	781	4845	501	5291	2654		
DEHRADUN	7291	37	7627	25	7157	11	7685	21	7688	17	0	0	0	0	4721	182	0	0	0	0	4147	534	4305	283	6325	1109		
DELHI	6483	46339	6684	18144	6074	10390	5789	3672	4479	1575	7308	225	6417	594	0	0	3761	95470	4357	130377	4740	89942	5330	57013	5585	453741		
GANGATOK	0	0	0	0	9229	9	0	0	0	0	0	0	0	0	13704	9	11479	19	0	0	0	7340	35	7680	39	9886	110	
GUWAHATI	7507	361	8450	25	9673	170	0	0	0	0	0	0	0	0	0	0	0	6379	457	7286	352	7347	509	5997	1032	7520	2906	
HYDERABAD	6812	751	4677	900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10000	129	0	0	0	7163	1780	
JAIPIUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4031	2866	3958	1569	3815	576	3901	4851		
JAMMU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3536	302	3412	7429	3512	25405	3852	10735	4394	3676	3741	47547		
KOLKATA	7230	3296	8326	1363	7058	1015	7246	674	0	0	0	0	0	0	0	0	0	5205	1680	5594	6076	5335	10928	5824	9560	6477	34592	
LUDKNOW	6466	269	7451	194	7565	217	8808	70	0	0	0	0	0	0	0	0	0	0	5775	1961	5375	1160	5618	609	6032	4480		
MUMBAI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4100	953	0	0	6350	0	6500	0	5700	0	5663	953		
NAGPUR	5091	220	5510	275	6479	244	8760	252	9320	266	8731	1483	9100	294	5675	212	4730	783	5455	284	4957	343	5057	270	6572	4906		
NASIK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7885	523	7833	75	0	0	0	0	7759	598	
PATNA	6101	972	6407	335	7025	125	0	0	0	0	0	0	0	0	0	0	0	0	4722	1560	4902	4385	5494	1605	5775	8892		
PUNE	6500	95	9000	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7750	160		
RAIPUR	7024	198	6864	140	7505	115	7852	101	0	0	0	0	0	0	0	0	0	0	8675	66	9168	532	9576	623	8095	1775		
RANCHI	3588	548	3593	2374	3773	556	6888	479	8299	255	9611	124	0	0	3996	1039	3443	1564	4059	519	3690	535	3966	539	4991	8532		
SRINAGAR	3518	175	0	0	0	0	0	0	0	0	0	0	0	0	3833	135	3988	3150	3780	2275	3533	989	3265	487	3653	7221		
SURAT	5846	131	6352	40	6670	47	6954	14	0	0	0	0	0	0	8822	34	6182	335	4285	85	3970	582	4452	474	5948	1742		
TRIVENURIM	6736	16	6800	2	0	0	0	0	0	0	0	0	0	0	3000	20	0	0	4775	7532	5750	217	6274	169	5556	7956		



Annual Wholesale Average Price Trend of Apple-2013



Annual Total Arrival Trend of Apple-2013





BANANA

Origin	- Asia
Major Producing States	- Tamil Nadu, Maharashtra, Karnataka, Gujarat, Andhra Pradesh, Bihar, Assam and Madhya Pradesh.
Latest Production	- 265.09 Lakh Tones
Name of Variety	Recommended Areas
Dwarf Cavendish	Maharashtra, Gujarat, Bihar, Jharkhand, West Bengal, Tamil Nadu, Karnataka, Andhra Pradesh, Odisha, Chhattisgarh, Madhya Pradesh, Assam, Nagaland, Meghalaya
Robusta	Tamil Nadu, Kerala, Karnataka, Andhra Pradesh, Maharashtra, Bihar, Jharkhand
Grand naine	All over India
Rasthali	Tamil Nadu, Andhra Pradesh, Karnataka, Bihar, West Bengal, Assam, Mizoram, Meghalaya
Poovan	Tamil Nadu, Andhra Pradesh, Kerala, Karnataka, Assam, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Nagaland, Sikkim, Tripura, Bihar, Jharkhand Odisha, Andaman & Nicobar Islands (Port Blair)
Nendran	Kerala, Tamil Nadu
Red Banana	Tamil Nadu, Karnataka, Kerala, Andhra Pradesh, Maharashtra, Gujarat, Madhya Pradesh, Chhattisgarh, Andaman & Nicobar Islands (Port Blair)
Monthan	Tamil Nadu, West Bengal, Bihar, Jharkhand, Odisha, Kerala
Ney Poovan	Karnataka, Tamil Nadu, Kerala
Karpurvalli	Tamil Nadu, Andhra Pradesh, Assam
Udhayam	Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Tripura
Pachanadan	Tamil Nadu
Virupakshi	Tamil Nadu, Karnataka, Andhra Pradesh, Kerala, Himachal Pradesh

Major Banana Producing Belts in India

Andaman & nicobar island	: South Andaman, North & Middle Andaman, Nicobar
Andhra Pradesh	: West Godavari, Guntur, Kadapa, Anantapur, Kurnool, Medak, Nizamabad, Khammam
Arunachal Pradesh	: Lower Subansiri, Pasighat, Papum Pare
Assam	: Sonitpur, Lakhimpur, Golaghat, Nagaon, Morigaon, Kamrup, Cachar, Goalpara
Bihar	: Vaishali, Bhagalpur, Khagaria, Katihar, Purnia, Samastipur
Chhattisgarh	: Raipur, Gariaband, Baloda Bazar, Mahasamund, Dhamtari, Durg, Rajnandgaon, Balod, Bemetara, Kabirdham (Kawardha), Mungeli, Bilaspur, Janjgir- Champa, Raigarh, Surguja, Korba, Balrampur, Surajpur, Koriya, Jashpur, Bastar (Jagdalpur), Kondagaon, Narayanpur, Dantewada, Sukma, Bijapur, Kanker
Goa	: Pernem (North Goa), Quepem (South Goa)
Gujarat	: Anand (Borsad, Ankalav), Vadodara (Sankheda, Chani), Bharuch (Zagadia), Narmada (Rajpipla), Surat (Kamrej)
Himachal Pradesh	: Sirmour (Nahan)
Jharkhand	: Sahibganj
Kerala	: Thiruvananthapuram (Pallichal, Kottukal, Nedumangad, Kattakada, Chenkal), Kollam (Punalur, Anchal, Sasthamkotta), Kottayam (Kanjirapally, Iratupeta), Thrissur (Ollukkara, Kodakara, Irinjalkuda), Palakkad (Mannarcad, Pattambi, Agali, Sreekrishnapuram), Malappuram (Kondotty, Vazhayur, Vazhakkad), Kozhikode (Kunnummel, Thodannur, Mukkam), Wayanad (Mananthavadi, Sulthanbathery), Kannur (Thaliparamba, Irikur, Peravoor), Kasargod (Kanhanged)



Karnataka	:	Hassan, Shimoga, Bengaluru, Chickmagalore, Dakshina Kannada, Tumkur
Madhya Pradesh	:	Balaghat, Kukshi, Dhar
Maharashtra	:	Jaigaon, Nanded , Parbhani, Throughout Maharashtra (Grand naine)
Manipur	:	Thoubal, Ukhrul, Tamenglong, Chandal, Churachandpur, Imphal East, Imphal West, Bishnupur
Meghalaya	:	Garo Hills, West Khasi Hills, Ri-bhoi, East Khasi Hill, Jaintia Hills
Mizoram	:	North and West Part of Mizoram, Chhimheipui, Serchip
Nagaland	:	Mokokchung, Wokha, Kohima, Zunheboto, Dimapur, Mon, Tuensang, Phek, Kiphire, Longleng, Peren
Odisha	:	Puri, Cuttack, Balasore, Bhadrak, Angul, Dhenkanal, Bolangir, Kalahabdi, Koraput, Rayagada, All Districts (Grand naine)
Punjab	:	Ludhiana, Patiala, Sangrur, Fatehgarh Sahib
Sikkim	:	North Sikkim (Phidang Samdon), East Sikkim (Khamdong, Pandam, Kamaray, L-Syari, Sirwani, Marchack, Nazitam, Amba Biring, Reshi Mulukay), South Sikkim (Samatar, Kamrang, Wok Pakzor, Mellidaa, Lingmo), West Sikkim (L/Rangit, Omchung, Kengsa, Chingthang, Barfok, Daramdin, Tharpu)
Tripura	:	South Tripura (Karbook, Bagafa, Satchand), West Tripura (Bishalgarh, Knowai, Sonamura, Hezamara), North Tripura (Panisagar, Dasda, Pecharthal), Dhalai (Manu, Ambassa)
Tamil Nadu	:	Coimbatore, Erode, Kanyakumari, Thoothukudi, Tiruchirapalli, Tirunelveli, Vellore, Karur, Krishnagiri, Salem, Nilgiris, Tiruvannamalai, Madurai
Uttar Pradesh	:	Bahraich, Shravasti, Gonda, Balrampur, Basti, Sidharthnagar, Gorakhpur, Maharajganj, Kushinagar, Deoria, Faizabad, Barabanki, Allahabad, Kaushambi, Pilibhit, Lakhimpur Kheri, Sitapur
Uttarakhand	:	Haridwar, Kotdwar
West Bengal	:	Jalpaiguri, Cooch Behar, Nadia, 24 Parganas (North & South), Hooghly, Bardhaman, Midnapore (West & East), Murshidabad, Uttar Dinajpore, Dakshin Dinajpore, Malda, Birbhum, Bankura
Advance Technology	-	Plating of tissue cultured plants
Pre-cooling	-	Forced air
Storage conditions	-	
Temperature	-	
Holding room	-	130-140 C
Ripening room	-	140-200 C
Relative Humidity	-	90-95%
Storage Period	-	Mature – green bananas can be stored for up to 3 weeks in ethylone free air or up to 6 weeks in a controlled atmosphere at 140 C
Freezing point	-	-0.50 C
Treatment for Quality	-	Ethylene application is best method to hasten ripening without loss in fruit quality or flavor A pre storage dip in E-9267 emulsifiable mineral oil at 0.4% was found effective in reducing fruit decayand also prolonged storage life. Dipping of fruits in 1.5% or 2.5 % talprolong solution delayed yellow color development by 4.8 days.
Sensibility to	-	Refrigeration, Freezing and Ethylene



HARVESTING SEASON OF BANANA

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												

ROUND THE YEAR
 PEAK SEASON
 LEAN SEASON

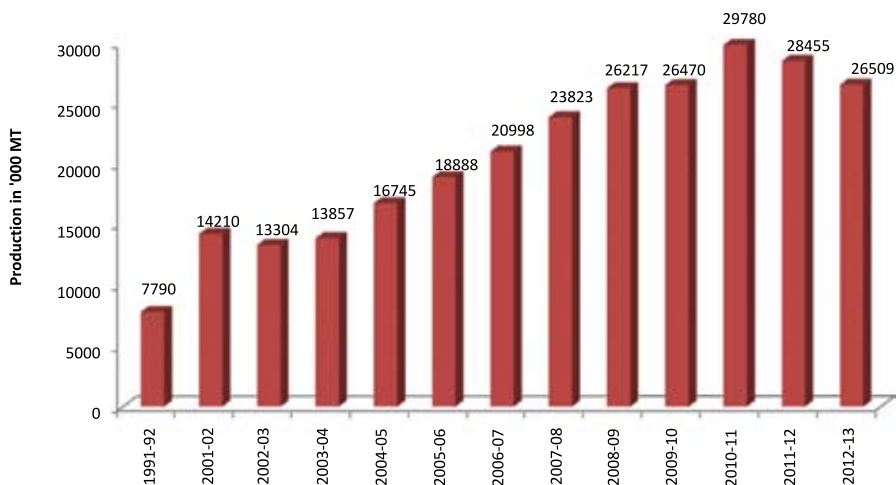
Source : Director of Horticulture / Agriculture of respective State / UT's



AREA, PRODUCTION AND PRODUCTIVITY OF BANANA

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	383.9	13.4	7790.0	27.2	20.3
2001-02	466.2	11.6	14209.9	33.0	30.5
2002-03	475.3	12.5	13304.4	29.4	28.0
2003-04	498.6	10.7	13856.6	30.4	27.8
2004-05	589.6	11.9	16744.5	34.0	28.4
2005-06	569.5	10.7	18887.8	34.1	33.2
2006-07	604.0	10.9	20998.0	35.3	34.8
2007-08	658.0	11.2	23823.0	36.3	36.2
2008-09	709.0	11.6	26217.0	38.3	37.0
2009-10	770.3	12.2	26469.5	37.0	34.4
2010-11	830.0	13.0	29780.0	39.8	35.9
2011-12	796.5	11.9	28455.1	37.2	35.7
2012-13	776.0	11.1	26509.1	32.6	34.2

PRODUCTION TREND OF BANANA



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF BANANA

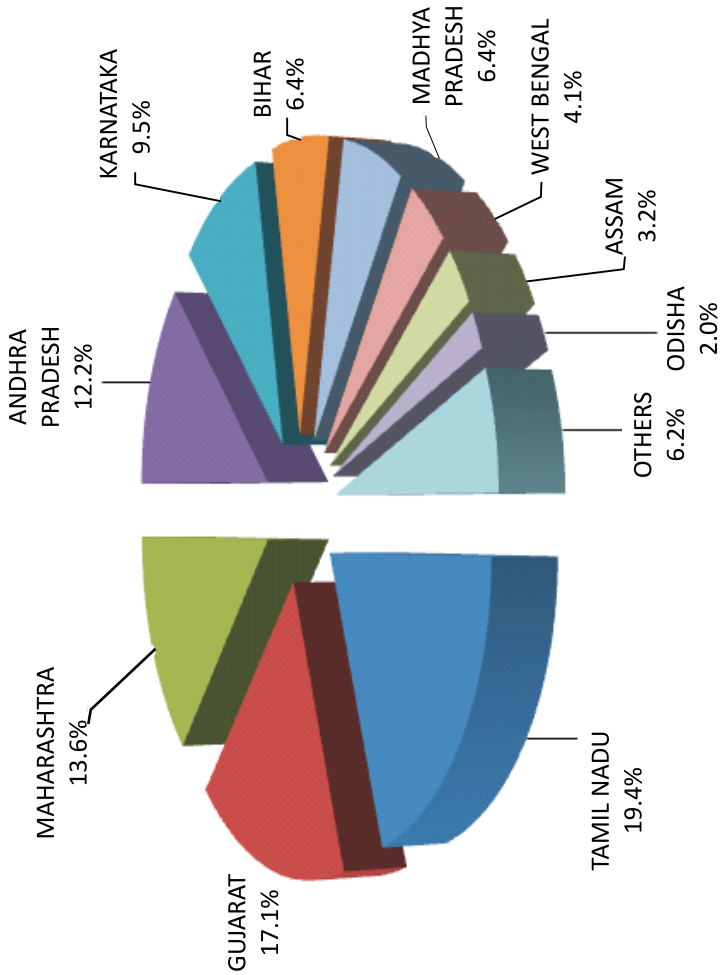
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
TAMIL NADU	125.4	8253.0	65.8	130.4	6736.4	51.7	111.36	5136.20	46.1
GUJARAT	64.7	3978.0	61.5	65.0	4047.8	62.3	70.58	4523.49	64.1
MAHARASHTRA	82.0	4303.0	52.5	82.0	4315.0	52.6	82.00	3600.00	43.9
ANDHRA PRADESH	79.3	2774.8	35.0	82.8	2899.6	35.0	92.65	3242.80	35.0
KARNATAKA	111.8	2281.6	20.4	91.6	2351.5	25.7	97.40	2529.60	26.0
BIHAR	31.9	1517.1	47.6	32.1	1580.5	49.2	33.06	1702.41	51.5
MADHYA PRADESH	38.1	1719.6	45.2	24.8	1379.2	55.6	25.76	1701.00	66.0
WEST BENGAL	42.0	1010.1	24.0	43.7	1054.0	24.1	44.70	1077.80	24.1
ASSAM	47.6	723.6	15.2	49.1	745.3	15.2	51.51	837.02	16.2
ODISHA	26.9	488.7	18.2	27.5	506.2	18.4	27.49	521.31	19.0
OTHERS	180.9	2730.5	15.1	167.5	2839.5	17.0	139.49	1637.47	11.7
TOTAL	830.5	29779.9	35.9	796.5	28455.1	35.7	776.0	26509.1	34.2

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING BANANA PRODUCING STATES (2012-2013)





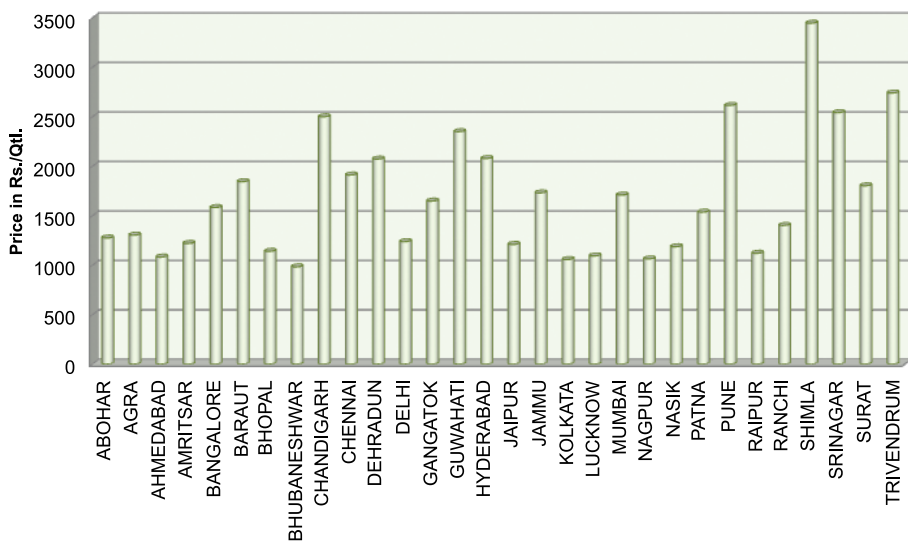
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF BANANA DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qtl.
Total Arrival in M.T.

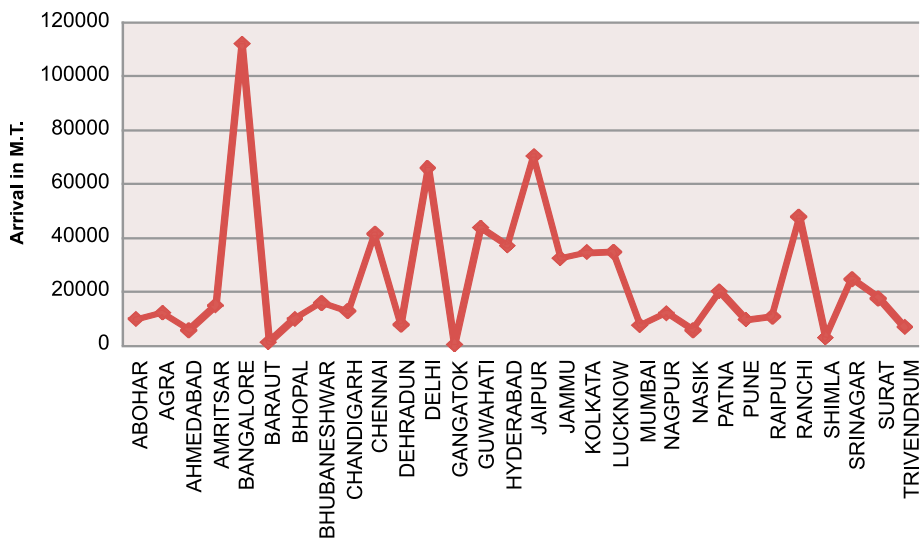
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual	
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival
ABO HAR	1136	1017	1158	1298	1331	1195	1352	953	1331	725	1336	477	1325	129	1268	828	1274	1366	1285	1344	1233	558	0	0	1275	9890
AGRA	1330	3112	1291	1822	1174	1395	1356	1631	1248	1497	1267	1156	1379	1339	1383	398	0	0	0	0	0	0	0	0	1304	12350
AHMEDABAD	1150	356	1220	287	1255	260	1553	265	1100	118	986	687	1007	1092	1021	1291	865	633	1009	312	1378	210	444	277	1082	5788
AMRITSAR	1013	960	1089	980	1198	830	1346	1130	1305	1500	1214	1540	1156	1330	1266	1060	1142	1450	1219	1790	1286	1410	1403	890	1220	14930
BANGALORE	1373	7122	1498	14524	1585	7893	1604	7344	1596	7309	1474	9429	1335	11047	1535	9378	1840	9828	1814	9513	1748	9100	1598	9774	1583	112261
BARAUT	1206	113	1342	110	1583	130	1871	111	1904	131	1614	142	1646	92	1837	111	2134	135	2398	117	2322	110	2270	65	1844	1367
BHOPAL	911	1208	956	866	850	851	830	761	1125	412	892	705	960	751	1314	812	1358	922	1322	854	1676	849	1494	963	1141	9954
BHUBANESHWAR	902	1500	934	1155	960	1275	950	1500	1113	1715	1019	1550	1103	1315	1013	1150	1012	1220	938	1065	928	1240	929	1295	983	15880
CHANDIGARH	2136	1025	2119	1086	2366	882	2592	789	3029	1043	2782	971	2549	1128	2429	1392	2336	1324	2766	1169	2680	1028	2217	1039	2500	12876
CHENNAI	1646	3790	1700	3730	1887	3470	1888	3670	1885	3675	1820	3520	1783	3920	1900	3450	1925	3350	2100	3180	2188	2930	2212	2904	1912	41589
DEHRADUN	2504	364	2420	342	2135	583	1949	771	2068	793	2166	682	2301	778	2131	747	1823	867	2074	901	1923	646	1375	501	2072	7975
DELHI	979	2855	1158	2535	1259	4160	1253	7971	1177	5567	1093	6081	1123	8620	1180	7364	1253	6960	1444	7950	1413	3789	1521	2348	1238	66200
GANGATOK	1529	15	1542	39	980	8	1583	7	1496	38	2080	39	1833	60	1750	54	1690	60	1776	48	1630	41	1888	50	1648	457
GUWAHATI	2157	1725	2464	1133	2392	1570	2119	1330	2082	1455	2771	1259	2590	1574	2470	1374	2197	1447	2476	1229	2334	28167	2144	1707	2350	43970
HYDERABAD	1971	1257	1646	4819	1969	4519	2430	3610	1800	3419	2071	2426	1971	2950	2188	2619	2240	3635	2064	2889	2108	2741	2480	2296	2078	37180
JAIPUR	961	2605	1017	3207	1037	5316	1156	4935	1111	8831	1084	6925	1188	9557	1140	8519	1256	7105	1502	6204	1551	4583	1517	2690	1210	70477
JAMMU	1533	2497	1615	2584	1710	2586	1740	2480	1729	3241	1514	3027	1637	2826	1574	2427	1882	2819	1868	3011	2076	2584	2090	2509	1731	32591
KOLKATA	909	2830	926	2880	1127	2480	1240	3440	1267	2766	1283	1604	1244	1454	1247	2831	985	3223	726	3385	864	2778	874	2469	1058	34840
LUCKNOW	916	2859	1030	2950	1211	2189	1340	2561	1342	1751	1129	1592	980	2064	1110	2749	1059	5113	1076	5412	977	3488	943	2214	1084	34945
MUMBAI	3012	1079	2504	1069	1314	659	1288	605	1169	391	1248	442	2231	642	1583	483	1854	757	1552	410	1500	602	1256	494	1709	7642
NAGPUR	863	1315	878	1210	904	1690	974	1520	1100	744	1017	772	987	960	1200	1613	1184	940	1150	670	1276	480	1233	273	1064	12187
NASIK	856	595	861	733	1133	168	1286	142	1352	139	1300	146	1198	296	1023	638	1307	860	1052	795	1394	460	1472	854	1186	5826
PATNA	1186	595	1457	1112	1563	1485	1558	1945	1454	973	1859	380	1856	1375	1711	2065	1332	3920	1411	2865	1674	2695	1380	925	1537	20335
PUNE	2187	1054	2253	1070	2300	693	2463	597	2427	676	2560	614	3718	729	2626	603	2610	855	2750	820	2726	1050	2757	1033	2615	9794
RAIPUR	824	1111	944	1022	979	971	1087	879	1108	646	1042	726	974	918	1128	755	1076	989	1411	832	1470	945	1405	1040	1121	10834
RANCHI	1272	3725	1215	4015	1342	3568	1541	2703	1438	5883	1506	5100	1603	4475	1443	3915	1349	4710	1302	3930	1342	2683	1472	3188	1402	47895
SHIMLA	3066	159	3122	202	3392	287	3329	282	3460	333	3398	251	3313	249	3738	208	3208	249	4178	284	3524	273	3620	262	3446	3039
SRINAGAR	2221	1633	2264	1270	2361	2290	2829	2593	2817	3090	2991	2380	2500	2170	2459	2075	2509	2010	2572	2280	2652	1585	2328	1480	2542	24856
SURAT	1700	1688	1922	1552	1517	1583	1792	1475	1663	1915	1762	1683	1637	1526	1835	1285	1917	1040	2214	1183	1890	1290	1790	1336	1803	17566
TRIVENDRUM	2333	405	2647	486	2384	585	2153	648	2116	690	1897	507	2705	619	3259	399	3134	609	2915	734	4125	643	3210	564	2740	6890



Annual Wholesale Average Price Trend of Banana-2013



Annual Total Arrival Trend of Banana-2013





CITRUS

Latest Production	- 100.90 Lakh Tones
Main fruits of this Groups	- Lime/Lemon, Mosambi, Orange (Mandarin)
Advanced Technology	- Tissue Culture and Micro – propagation
Pre-cooling	- Forced air
Transportant and Storage Life	- 8-10 weeks
Transport for Quality	- Waxing
Sensibility to	- Refrigeration , Ethylene and Odours



AREA, PRODUCTION AND PRODUCTIVITY OF CITRUS

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	386.9	13.5	2821.7	9.9	7.3
2001-02	618.5	15.4	4789.1	11.1	7.7
2002-03	562.6	14.9	5677.2	12.6	10.1
2003-04	683.3	14.6	5786.9	12.7	8.5
2004-05	708.2	14.3	5932.9	12.0	8.4
2005-06	742.3	13.9	6139.0	11.1	8.3
2006-07	798.0	14.4	7145.0	12.0	9.0
2007-08	867.0	14.8	8015.0	12.2	9.2
2008-09	923.0	15.1	8608.0	12.6	9.3
2009-10	987.3	15.6	9638.0	13.5	9.8
2010-11	846.0	13.3	7464.0	10.0	8.8
2011-12	915.1	13.6	7922.1	10.4	8.7
2012-13	1042.5	14.9	10089.7	12.4	9.7

PRODUCTION TREND OF CITRUS



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF CITRUS

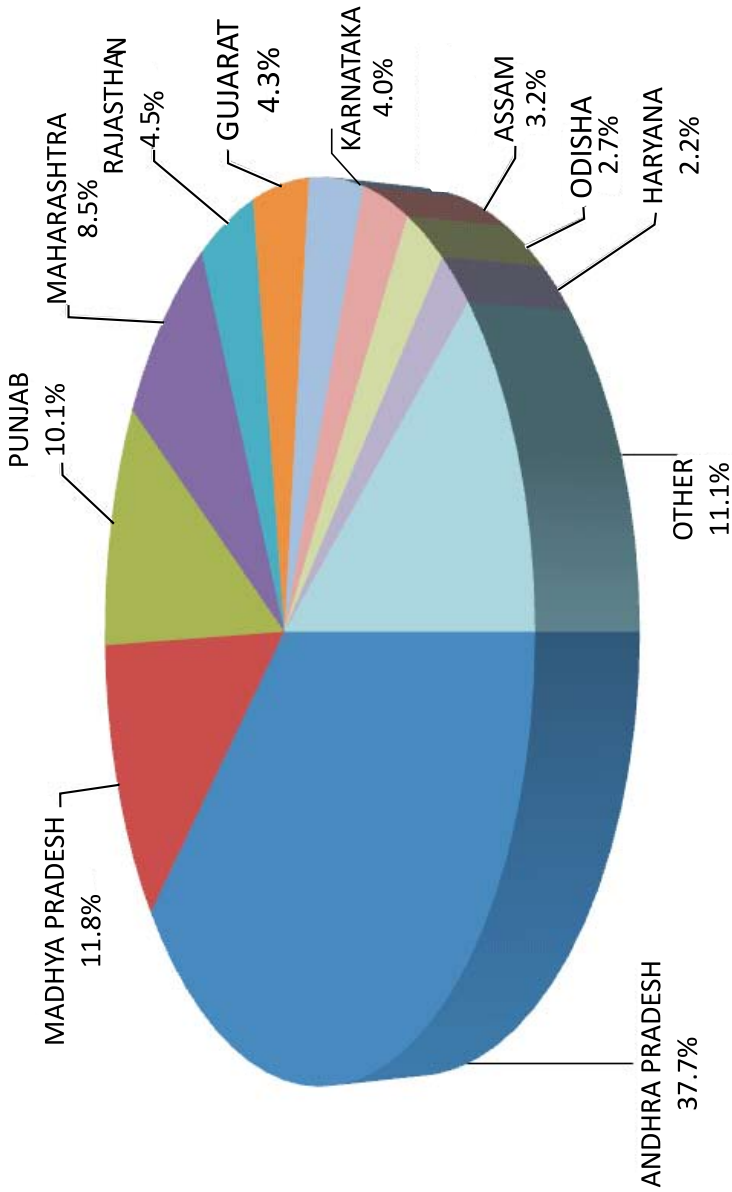
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ANDHRA PRADESH	128.2	1805.6	14.1	134.5	1886.9	14.0	253.4	3800.6	15.0
MADHYA PRADESH	45.0	798.5	17.7	55.2	795.0	14.4	68.7	1188.0	17.3
PUNJAB	44.7	900.5	20.1	46.3	942.8	20.4	49.2	1015.6	20.6
MAHARASHTRA	278.0	1410.0	5.1	285.0	1268.0	4.4	277.0	861.0	3.1
RAJASTHAN	20.6	322.8	15.7	20.8	330.5	15.9	24.7	455.6	18.4
GUJARAT	39.2	409.1	10.4	40.2	425.1	10.6	40.8	433.1	10.6
KARNATAKA	15.7	324.7	20.7	18.3	400.6	21.9	18.1	399.0	22.0
ASSAM	27.4	268.2	9.8	28.5	280.9	9.9	30.2	323.4	10.7
ODISHA	27.5	265.4	9.6	27.8	269.0	9.7	27.8	270.7	9.7
HARYANA	17.2	130.0	7.6	17.7	214.2	12.1	18.8	225.1	12.0
OTHERS	203.1	828.8	4.1	240.8	1109.0	4.6	233.8	1117.7	4.8
TOTAL	846.5	7463.6	8.8	915.1	7922.0	8.7	1042.5	10089.7	9.7

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING CITRUS PRODUCING STATES (2012-2013)





LIME/LEMON

Origin	- Asia
Major Producing States	- Andhra Pradesh, Gujarat, Bihar, Karnataka, Maharashtra, Assam & Chhatisgarh.
Latest Production	- 25.23 Lakh Tones

Lime

Name of Variety	Recommended Areas
Kagzi lime	All over India
Pramalini	Andhra Pradesh, Maharashtra, Gujarat, Bihar, Jharkhand, Karnataka, Tamil Nadu, Madhya Pradesh, Chattishgarh
Vikram	Andhra Pradesh, Maharashtra, Gujarat, Bihar, Jharkhand, Karnataka, Tamil Nadu, Uttar Pradesh, Madhya Pradesh, Chattishgarh, Uttarakhand
Jai Devi	Andhra Pradesh, Maharashtra, Gujarat, Bihar, Jharkhand, Karnataka, Tamil Nadu, Uttar Pradesh
Sai Sharbati	Andhra Pradesh, Maharashtra, Gujarat, Bihar, Jharkhand, Karnataka, Tamil Nadu, Uttar Pradesh, Uttarakhand
Phule Sharbati	Andhra Pradesh, Maharashtra, Gujarat, Bihar, Jharkhand, Karnataka, Tamil Nadu
Balaji (Tenali Selection)	Andhra Pradesh, Madhya Pradesh, Chattishgarh
Rasraj (IIHR Hybrid)	Karnataka
Seedless lime	Andhra Pradesh, Maharashtra, Gujarat, Bihar, Jharkhand, Karnataka, Tamil Nadu

Lemon

Name of Variety	Recommended Areas
Eureka	All over India
Kagzi Kalan	Uttar Pradesh, Bihar, Rajasthan, Punjab, Madhya Pradesh, Jharkhand, Uttarakhand, Himachal Pradesh, Chhattisgarh, Delhi
Assam lemon (Nepali Oblong)	All over India
Pant Lemon-I	Uttar Pradesh, Uttarakhand

Major Lime Producing Belts in India

Andhra Pradesh	: Guntur, Nellore, Kadapa, Khammam, Nalgonda
Bihar	: Rohtas, Kaimur, Aurangabad, Gaya, Nawada, Seikhpura
Chhattisgarh	: Raipur, Gariaband, Baloda Bazar, Mahasamund, Dhamtari, Durg, Rajnandgaon, Balod, Bemetara, Kabirdham (Kawardha), Mungeli, Bilaspur, Janjgir- Champa, Raigarh, Surguja, Korba, Balrampur, Surajpur, Koriya, Jashpur, Bastar (Jagdalpur), Kondagaon, Narayanpur, Dantewada, Sukma, Bijapur, Kanker
Gujarat	: Mehsana, Kheda, Anand, Vadodara, Surendranagar
Himachal Pradesh	: Sirmour (Dhaura Kuan, Ponta), Kangra (Nur Pur, Indora), Solan (Kuniyar), Una (Una, Amb), Hamirpur (Nadaun, Bhoranj)
Jammu & Kashmir	: Baramulla, Kupwara, Jammu, Samba, Kathua, Udhampur, Reasi, Doda, Kishtwar, Ramban, Rajouri, Poonch



Jharkhand	: Palamu, East & West Singhbhum, Chatra
Karnataka	: Bijapur, Gulbarga, Raichur
Maharashtra	: Akola, Ahmednagar, West Solapur
Madhya Pradesh	: Balaghat, Rewa, Panna, Seoni, Umaria, Katni, Jabalpur, Narsinghpur, Hoshangabad, Harda, Bhopal, Sehore, Raisen, Vidisha, Sagar, Damoh, Sheopur, Gwalior, Chhatarpur, Datia, Tikamgarh, Betul, Chhindwara, Shivpuri, Guna, Ratlam, Ujjain, Jhabua, Dhar, Indore, Dewas, Khargone
Manipur	: Kangpokpi, Ukhrul, Chandel, Churachandpur
Meghalaya	: Dawki, Nongiri, Mawlong, Umsning, Burnihat, Umling, Sesatgiri, Chandigiri, Jowai, Cherrapunjee
Mizoram	: Kolasib, Tawitaw, Aizawl, Thingdawal
Nagaland	: Kohima, Wokha, Mokokchung, Dimapur, Peren
Odisha	: Mayurbhanj, Keonjhar (kendujhar), Koraput, Ganjam, Gajapati, Dhenkanal
Punjab	: Ferozepur, Hoshiarpur, Sri Muktsar Sahib, Bathinda
Rajasthan	: Jaipur, Baran, Sirohi, Ajmer, Alwar, Pali, Jodhpur, Banswara, Karauli, Sawai Madhopur, Bhilwara, Dungarpur, Bundi, Barmer, Udaipur, Jhunjhunu, Tonk, Chittorgarh, Jhalawar, Kota, Nagaur, Sriganganagar
Sikkim	: South Tripura (Amarpur, Matabari, Bagafa), West Tripura (Jirania, Teliamura, Khowai, Bishagar), Dhalai (Melaghar), North Tripura (Kamalpur, Ambassa, Kanchanpur, Panisagar, Kadamtala)
Tamil Nadu	: Dindigul, Perambalur, Theni, Thoothukudi, Tiruchirapalli, Tirunelveli, Virudhunagar
Tripura	: South and West Tripura, Dhalai
Uttar Pradesh	: Jhansi, Hamirpur, Lalitpur, Jalaun, Mahoba, Chitrakoot, Banda, Agra
Uttarakhand	: Dehradun, Pithoragarh, Bageshwar, Almora, Nainital, Pauri, Kotdwar, Chamoli, Tehri, Udham Singh Nagar
West Bengal	: 24 Parganas (North and South), Jalpaiguri, West and East Midnapore, Cooch Behar

Major Lemon Producing Belts in India

Assam	: Karbi Anglong, Golaghat, Cachar, Dibrugarh, Kamrup, Lakhimpur, Dima Hasao
Arunachal Pradesh	: Basar, Along, Yazali, Bagara, Ziro, East Siang, East Kameng, Papum Pare, Kurung Kumey, Upper Subansiri, West Siang, Upper Siang, Lower Dibang Valley, Lohit, Anjaw, Changlang, Tirap
Bihar	: Rohtas, Kaimur, Aurangabad, Gaya, Nawada, Sheikhpura
Chhattishgarh	: Raipur, Gariaband, Baloda Bazar, Mahasamund, Dhamtari, Durg, Rajnandgaon, Balod, Bemetara, Kabirdham (Kawardha), Mungeli, Bilaspur, Janjgir- Champa, Raigarh, Surguja, Korba, Balrampur, Surajpur, Koriya, Jashpur, Bastar (Jagdalpur), Kondagaon, Narayanpur, Dantewada, Sukma, Bijapur, Kanker
Delhi	: Alipur, Bawana, Jhangola, Bhatawarpur, Akbarpur
Gujarat	: Mehsana, Kheda, Anand, Vadodara, Surendranagar
Himachal Pradesh	: Sirmour (Dhaulta Kuan, Ponta), Kangra (Nur Pur, Indora), Solan (Kunihar), Una (Una, Amb), Hamirpur (Nadaun, Bhora)
Jammu & Kashmir	: Baramulla, Kupwara, Jammu, Samba, Kathua, Udhampur, Reasi, Doda, Kishtwar, Ramban, Rajouri, Poonch



Jharkhand	:	Palamu, East & West Singhbhum, Chatra
Madhya Pradesh	:	Balaghat, Rewa, Panna, Seoni, Umaria, Katni, Jabalpur, Narsinghpur, Hoshangabad, Harda, Bhopal, Sehore, Raisen, Guna, Vidisha, Sagar, Damoh, Sheopur, Gwalior, Shivpuri, Chhatarpur, Datia, Tikamgarh, Betul, Chhindwara, Ratlam, Ujjain, Dhar, Indore, Dewas, Khargone, Jhabua
Mizoram	:	Kolasib, Tawitaw, Aizawl, Thingdawal
Meghalaya	:	Dawki, Nongiri, Mawlong, Umsning, Burnihat, Umling, Sesatgiri, Chandigiri, Jowai, Cherrapunjee
Nagaland	:	Kohima, Wokha, Mokokchung, Dimapur, Peren
Punjab	:	Ferozepur, Hoshiarpur, Sri Muktsar Sahib, Bathinda
Rajasthan	:	Jaipur, Baran, Sirohi, Ajmer, Alwar, Pali, Jodhpur, Banswara, Karauli, Sawai Madhopur, Bhilwara, Dungarpur, Bundi, Barmer, Udaipur, Jhunjhunu, Tonk, Chittorgarh, Jhalawar, Kota, Nagaur, Sriganganagar
Sikkim	:	South Tripura (Amarpur, Matabari, Bagafa), West Tripura (Jirania, Teliamura, Khowai, Bishagar), Dhalai (Melaghar), North Tripura (Kamalpur, Ambassa, Kanchanpur, Panisagar, Kadamtala)
Tamil Nadu	:	Dindigul, Perambalur, Theni, Thoothukudi, Tiruchirappalli, Tirunelveli, Virudhunagar
Tripura	:	North District of Tripura
Uttar Pradesh	:	Jhansi, Hamirpur, Jalaun, Lalitpur, Mahoba, Chitrakoot, Banda, Agra
Uttarakhand	:	Dehradun, Pithoragarh, Bageshwar, Almora, Nainital, Pauri, Kotdwar, Chamoli, Tehri, Udham Singh Nagar
Sweet Lime	-	Mithachikna and Mithotra
Lemon Varieties	-	Eureka, Lisbon, Villafranca, Lucknow, Seedless, Kagzi Kalan Nepali Oblong (Assam Lemon), Nepali Round and Pant Lemon 1.
Pre-cooling	-	Forced air
Storage Conditions	-	
Temperature	:	9-100 C
Relative Humidity	:	85-90 %
Storage Period	:	6-8 weeks
Freezing point	:	-3 to -10 C
Sensibility to	-	Refrigeration, Freezing, Ethylene and Odours
Post-harvest Losses	-	20-95 %



राष्ट्रीय बागवानी बोर्ड
National Horticulture Board

HARVESTING SEASON OF LIME/LEMON

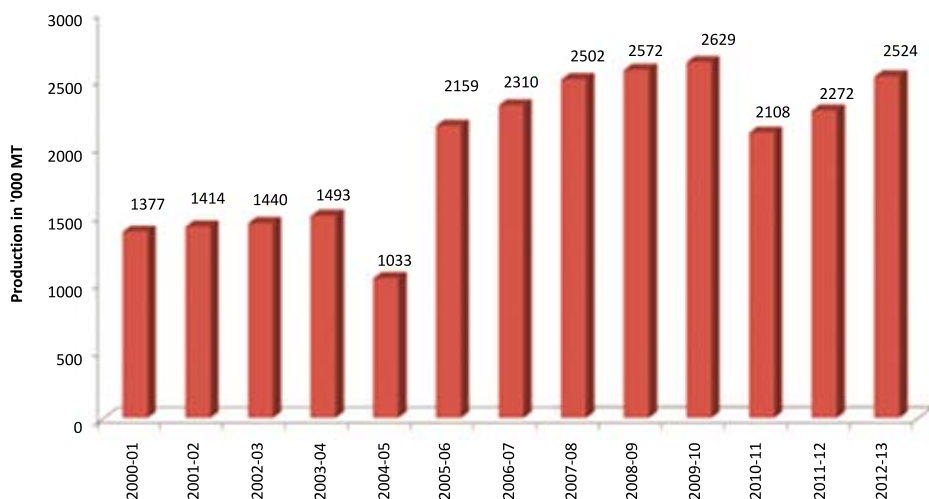
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
* INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
SOURCE: DIRECTORATE OF HORTICULTURE/AGRICULTURE OF RESPECTIVE STATE/UT'S												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF LIME/LEMON

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
2000-01	164.2	4.2	1377.2	3.2	8.4
2001-02	161.3	4.0	1413.7	3.3	8.8
2002-03	146.2	3.9	1439.6	3.2	9.8
2003-04	167.8	3.6	1493.3	3.3	8.9
2004-05	78.9	1.7	1033.1	2.3	13.1
2005-06	268.7	5.0	2159.0	3.9	8.0
2006-07	294.9	5.3	2310.2	3.9	7.8
2007-08	302.8	5.2	2501.7	3.8	8.3
2008-09	316.1	5.2	2571.5	3.8	8.1
2009-10	295.6	4.7	2629.2	3.7	8.9
2010-11	219.0	3.4	2108.0	2.8	9.6
2011-12	234.0	3.5	2272.1	3.0	9.7
2012-13	255.2	3.7	2523.5	3.1	9.9

PRODUCTION TREND OF LIME/LEMON



Source : Director of Horticulture / Agriculture of respective State / UT's

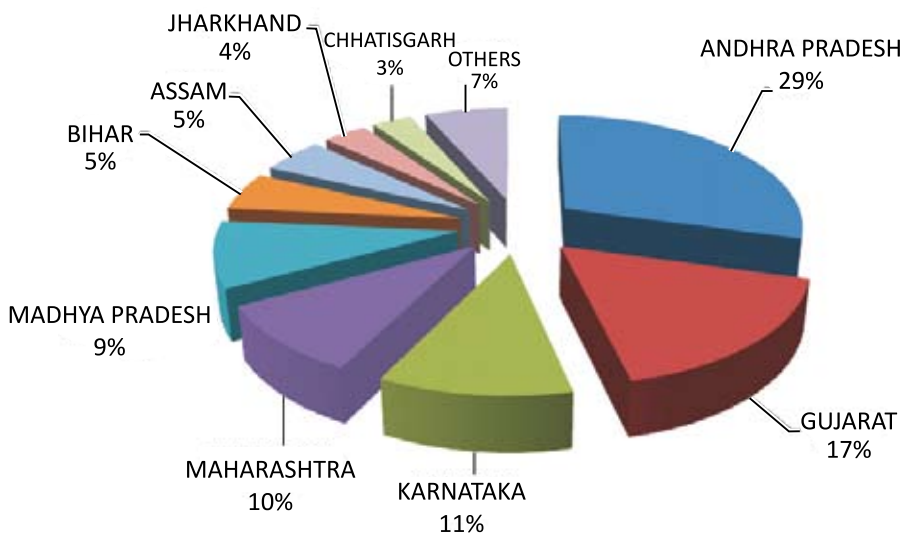


STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF LIME/LEMON

Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ANDHRA PRADESH	45.8	686.6	15.0	47.8	717.5	15.0	49.30	739.53	15.0
GUJARAT	39.2	409.1	10.4	40.2	425.1	10.6	40.80	433.12	10.6
KARNATAKA	10.1	224.1	22.3	11.5	268.4	23.3	11.80	275.20	23.3
MAHARASHTRA	43.0	258.0	6.0	45.0	290.0	6.4	45.00	246.00	5.5
MADHYA PRADESH	6.4	103.0	16.0	9.6	130.2	13.6	10.68	235.00	22.0
BIHAR	18.0	130.7	7.3	18.0	133.9	7.4	18.04	136.42	7.6
ASSAM	12.6	97.6	7.7	13.4	105.2	7.8	14.21	125.89	8.9
JHARKHAND	0.0	0.0	0.0	0.0	0.0	0.0	8.79	87.67	10.0
CHHATISGARH	10.0	66.2	6.6	11.2	73.7	6.6	11.88	79.50	6.7
OTHERS	34.1	132.7	3.9	37.2	128.1	3.4	44.70	165.18	3.7
TOTAL	219.1	2108.0	9.6	234.0	2272.1	9.7	255.2	2523.5	9.9

LEADING LIME/LEMON PRODUCING STATES (2012-2013)



Source : Director of Horticulture / Agriculture of respective State / UT's

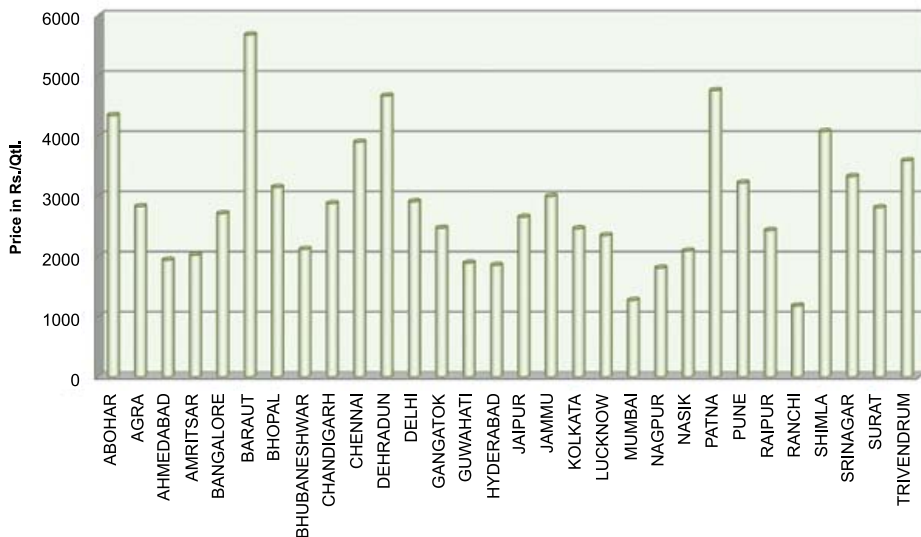
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF LEMON DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./00L
Total Arrival in MT.

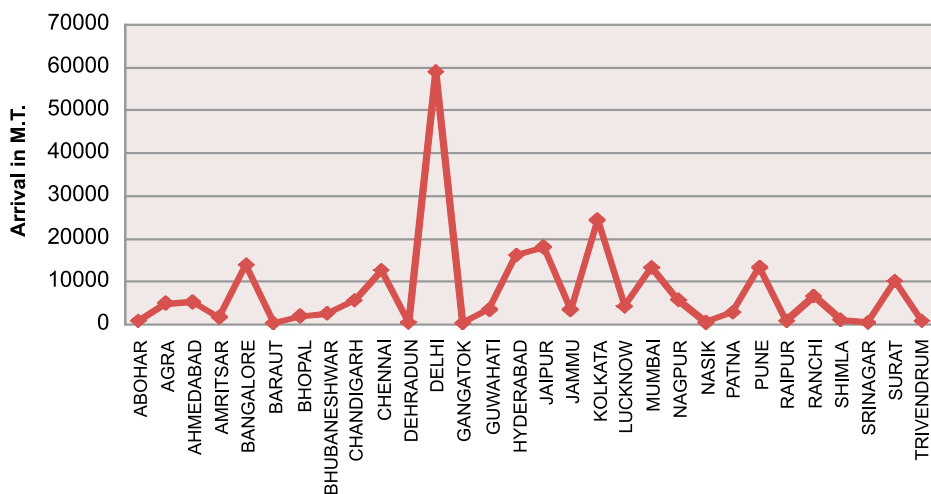
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual	
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival
ABOHR	4085	38	4176	76	4578	64	4721	34	4976	19	5141	18	3975	6	3939	123	3973	150	4052	141	4147	79	0	0	4342	748
AGRA	2428	627	2463	673	2420	844	2690	820	3388	573	3357	588	2960	531	2975	159	0	0	0	0	0	0	0	0	2829	4815
AMMEDABAD	1405	473	1491	517	2443	962	2875	1124	3700	180	2344	229	1703	248	1321	267	1818	258	1739	296	1063	397	1389	202	1941	5153
AMRITSAR	1613	67	1734	60	1823	56	2368	68	2650	132	2488	215	2208	277	1782	192	1887	176	2096	158	2100	100	1663	73	2021	1574
BANGALORE	2929	562	3167	675	2608	675	3467	684	3636	683	2538	747	2209	1404	2133	1484	2386	737	3464	880	2536	2096	1476	3214	2712	13851
BARAUT	4773	13	0	0	0	0	6233	6	6931	27	6918	25	5324	27	5311	23	5714	25	6110	25	5126	25	4367	12	5681	208
BHOPAL	2548	185	2825	186	3489	90	3509	97	3823	107	3638	145	2715	177	3532	131	2646	158	3070	158	2891	190	3106	179	3149	1803
BHUBANESHWAR	2232	177	2413	139	2800	202	2589	244	2901	210	2218	216	1907	258	1889	156	1938	177	1726	224	1370	249	1469	240	2119	2492
CHANDIGARH	2531	299	2649	410	3005	323	3260	503	4006	642	3322	502	2723	583	2597	592	2712	610	2841	423	2547	346	2361	260	2880	5493
CHENNAI	3288	994	2725	1126	3035	1024	4271	887	5573	924	4620	1137	3989	1209	4246	1016	5546	873	4640	902	2646	1279	2606	1245	3899	12616
DEHRADUN	4532	41	4948	29	4603	27	4458	34	5350	41	5069	45	4232	52	4838	36	4515	39	4912	26	4554	42	3981	23	4666	435
DELHI	2275	3803	2247	3438	3343	3829	3679	5483	3955	8986	3183	8014	2909	7473	2512	4796	3196	3313	2981	3479	2448	3594	2197	2842	2910	59050
GANGATOK	2664	22	2083	23	2858	6	3133	4	1919	4	2336	3	3256	4	2758	8	2488	17	2116	33	2140	33	1884	49	2470	205
GUWAHATI	1182	271	2618	179	2772	315	2161	324	1350	412	1200	424	1193	459	1208	247	1233	225	2117	184	2588	189	3079	215	1892	3444
HYDERABAD	1571	1047	2339	1606	2362	695	2243	980	2140	963	1952	972	1863	949	1900	905	1644	1041	1500	1574	1400	2680	1346	2749	1855	16161
JAIPUR	1866	674	2019	1150	2267	1641	2544	1045	2792	2997	3527	3047	1995	2901	1882	1571	2393	769	4572	719	3478	856	2514	640	2654	18010
JAMMU	2767	90	2552	108	3685	96	3933	172	4035	508	2772	841	2852	595	3329	241	3632	139	2724	295	1858	152	2052	124	2999	3331
KOLKATA	2521	1380	2470	1720	2781	1940	2957	2180	2922	2592	2634	2260	2303	2060	2343	1540	2953	1760	2320	1920	1805	2440	1537	2535	2462	24927
LUCKNOW	1568	138	1537	181	2417	392	3111	784	2981	794	2778	549	2167	344	2248	338	3263	240	2717	148	1662	154	1716	104	2348	4147
MUMBAI	1368	1185	1157	1075	1350	1178	1488	1147	1679	881	1317	958	1027	1077	1228	688	1452	1009	1238	1171	988	1547	975	1308	1272	13225
NAAGPUR	1790	449	1810	306	1900	582	2214	396	2867	340	2595	488	1402	540	1122	555	1495	322	1928	684	1726	367	851	579	1808	5618
NASIK	1710	25	2027	24	2516	23	2690	58	3606	26	2333	37	1588	28	1289	24	1668	25	2327	25	2204	22	1143	24	2092	341
PATNA	3752	144	4375	141	5234	165	6184	220	6194	259	5586	265	5099	295	5016	275	4151	260	4104	294	3685	258	3694	150	4756	2726
PUNE	1580	1400	2048	1135	2621	823	4500	652	7005	643	4440	853	2291	1115	2656	1212	3355	1394	3126	1242	3155	1434	1864	1548	3221	13251
RAIPUR	1726	76	1584	67	1824	50	2341	33	3395	25	3540	41	2892	80	2185	70	2106	54	2708	31	2600	64	2300	105	2433	686
RANCHI	1060	665	1088	582	1197	571	1250	482	1364	447	1259	527	1255	539	1166	549	1215	542	1106	583	1078	563	1111	508	1179	6668
SHIMLA	3572	57	4239	67	4308	86	3795	111	4690	88	6219	54	4356	66	4229	69	4384	74	2952	88	3063	124	2900	90	4075	972
SRINAGAR	2827	24	3232	18	3537	19	3938	24	4912	26	3474	43	3305	41	2455	35	2875	64	3372	25	2888	83	3139	23	3329	425
SURAT	2302	774	2437	946	3120	489	3518	526	5223	355	4040	542	2126	1245	1848	1288	2557	933	2740	1048	2137	688	1886	1217	2811	10051
TRIVENDRUM	2956	39	3400	37	3668	43	3584	63	3753	54	3013	47	2955	73	3761	48	6184	75	4850	90	3059	86	2305	77	3591	732



Annual Wholesale Average Price Trend of Lemon-2013



Annual Total Arrival Trend of Lemon-2013





MOSAMBI

Origin	- Asia
Major Producing States	- Andhra Pradesh, Karnataka, Maharashtra, Punjab
Latest Production-	- 35.19 Lakh Tonnes

Name of Variety

Recommended Areas

Mosambi	Maharashtra, Uttar Pradesh, Odisha, Punjab, Rajasthan, Madhya Pradesh, Kerala, Himachal Pradesh, Nagaland, Arunachal Pradesh, Assam, Meghalaya, Manipur, Tripura, Sikkim, Mizoram, Jammu & Kashmir, Haryana, Karnataka, Chhattisgarh
Satgudi	Andhra Pradesh, Odisha, Tamil Nadu, Rajasthan, West Bengal
Blood Red Malta	Uttarakhand, Uttar Pradesh, Odisha, Punjab, Rajasthan, Madhya Pradesh, Maharashtra, Tamil Nadu, Chhattisgarh, Jharkhand
Valencia	Andhra Pradesh, Odisha, Punjab, Madhya Pradesh, Maharashtra, Mizoram, Assam, Arunachal Pradesh, Tripura, Sikkim, Nagaland, Manipur, Meghalaya, Mizoram, Karnataka, Chhattisgarh, Uttarakhand

Major Mosambi Producing Belts in India

Assam	: Kamrup, Goalpara, Tinsukia, Karbi Anglong, Dima Hasao
Andhra Pradesh	: Guntur, Prakasam, Nellore, Kadapa, Anantapur, Kurnool, Mahabubnagar, Rangareddy, Nizamabad, Karimnagar, Nalgonda
Arunachal Pradesh	: West Siang, East Siang, Lower Dibang Valley, Upper Subansiri
Chhattisgarh	: Baloda Bazar, Gariaband, Raipur, Durg, Balod, Bemetara, Rajnandgaon, Bilaspur, Korba, Narayanpur, Bastar (Jagdalpur), Kondagaon, Janjgir-Champa
Haryana	: Hisar, Sirsa, Fatehabad, Bhiwani
Himachal Pradesh	: Chamba (Banikhet), Kangra (Banikhet, Indora, Dehra), Sirmour (Dhaura Kuan)
Jammu & Kashmir	: Baramulla, Kupwara, Jammu, Samba, Kathua, Udhampur, Reasi, Doda, Kishtwar, Ramban, Rajouri, Poonch
Jharkhand	: Palamu, East & West Singhbhum, Chatra
Karnataka	: Bengaluru (Rural), Bijapur, Shimoga
Kerala	: Idukki
Madhya Pradesh	: Sheopur, Gwalior, Shivpuri, Chhatarpur, Datia, Tikamgarh, Panna, Betul, Chhindwara, Guna, Ratlam, Ujjain, Dhar, Indore, Dewas, Khargone, Jabua
Maharashtra	: Jalna, Aurangabad, Parbhani, Nanded, Beed
Manipur	: Tamenglong, Ukhrul, Churachandpur
Meghalaya	: Ri-bhoi, Garo Hills, Khasi Hills
Mizoram	: Kolasib, Tawitaw, Aizawl, Thingdawal
Nagaland	: Mukokchung, Kiphire, Kohima, Wokha, Tuensang, Peren, Mon, Zunheboto
Odisha	: Gajapati, Rayagada
Punjab	: Fazilka (Abohar), Ferozepur, Faridkot, Hoshiarpur



Rajasthan	:	Alwar, Baran, Jhalawar, Sriganganagar, Udaipur
Sikkim	:	North, East, South & West Districts
Tamil Nadu	:	Dindigul, Namakkal, Salem, Perambalur, Theni, Thoothukudi, Tirupur, Tiruchirappalli, Tirunelveli, Virudhunagar
Tripura	:	North & South Tripura (Kanchanpur, Killa, Amarpur), West Tripura & Dhalai (Tulashikhar, Longthorai Valley)
Uttar Pradesh	:	Jhansi, Lalitpur, Jalaun, Hamirpur, Mahoba, Agra, Saharanpur, Mirzapur, Sonbhadra
Uttarakhand	:	Chamoli, Rudra Prayag, Pauri, Tehri, Champawat, Pithoragarh
West Bengal	:	Darjeeling, 24 Parganas (North), Midnapore (West & East), Jalpaiguri

Pre-cooling - Forced air

Storage Conditions

Temperature	-	3-40C
Relative Humidity	-	85-95%
Storage Period	-	2-4 weeks
Sensibility to	-	Odours



HARVESTING SEASON OF MOSAMBI

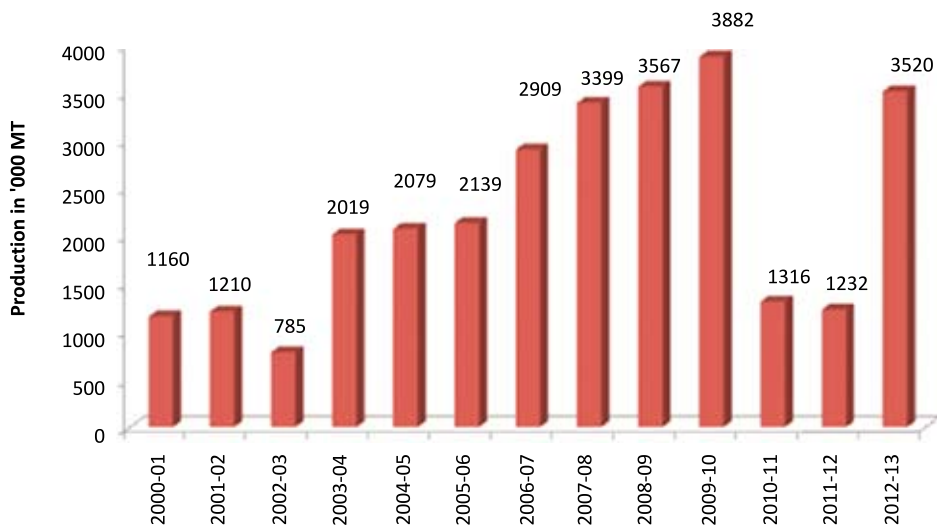
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF MOSAMBI

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
2000-01	80.6	2.1	1160.4	2.7	14.4
2001-02	126.4	3.2	1210.4	2.8	9.6
2002-03	146.1	3.9	785.3	1.7	5.4
2003-04	194.5	4.2	2019.1	4.4	10.4
2004-05	194.4	3.9	2078.7	4.2	10.7
2005-06	230.3	4.3	2138.6	3.9	9.3
2006-07	268.8	4.8	2909.4	4.9	10.8
2007-08	300.2	5.1	3398.6	5.2	11.3
2008-09	317.8	5.2	3567.4	5.2	11.2
2009-10	346.3	5.5	3882.4	5.4	11.2
2010-11	157.0	2.5	1316.0	1.8	8.4
2011-12	161.7	2.4	1231.9	1.6	7.6
2012-13	323.2	4.6	3519.9	4.3	10.9

PRODUCTION TREND OF MOSAMBI



Source : Director of Horticulture / Agriculture of respective State / UT's

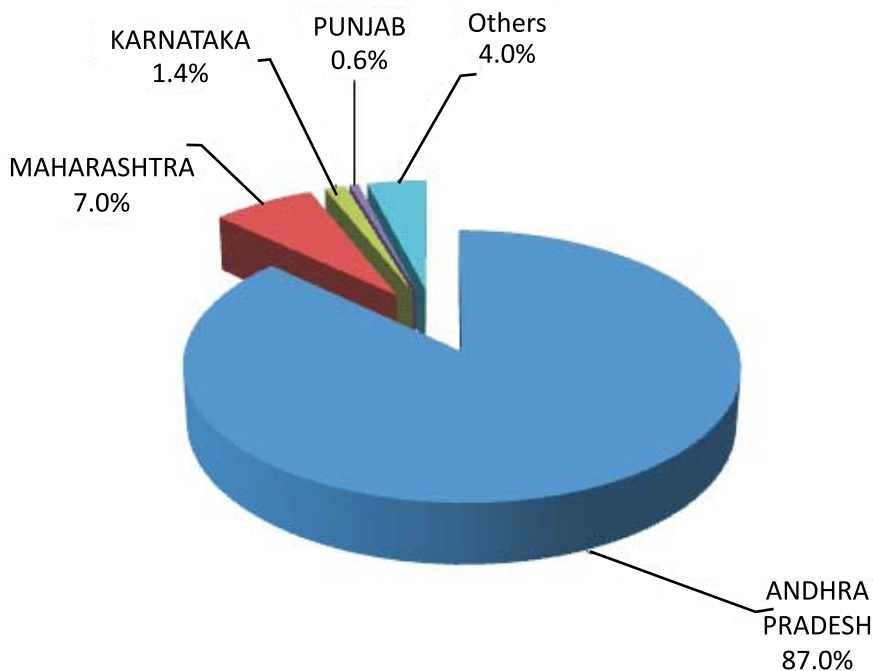


STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF MOSAMBI

Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ANDHRA PRADESH	40.4	551.5	13.7	42.7	576.3	13.5	204.1	3061.1	15.0
MAHARASHTRA	107.0	652.0	6.1	107.0	535.0	5.0	99.0	245.0	2.5
KARNATAKA	3.4	59.3	17.4	3.6	65.9	18.3	2.9	50.6	17.4
PUNJAB	2.9	23.1	8.0	2.9	22.9	8.0	2.8	22.2	8.0
OTHERS	3.1	30.3	9.7	5.5	31.7	5.8	14.4	141.1	9.8
TOTAL	156.8	1316.2	8.4	161.7	1231.9	7.6	323.2	3519.9	10.9

LEADING MOSAMBI PRODUCING STATES (2012-2013)



Source : Director of Horticulture / Agriculture of respective State / UT's



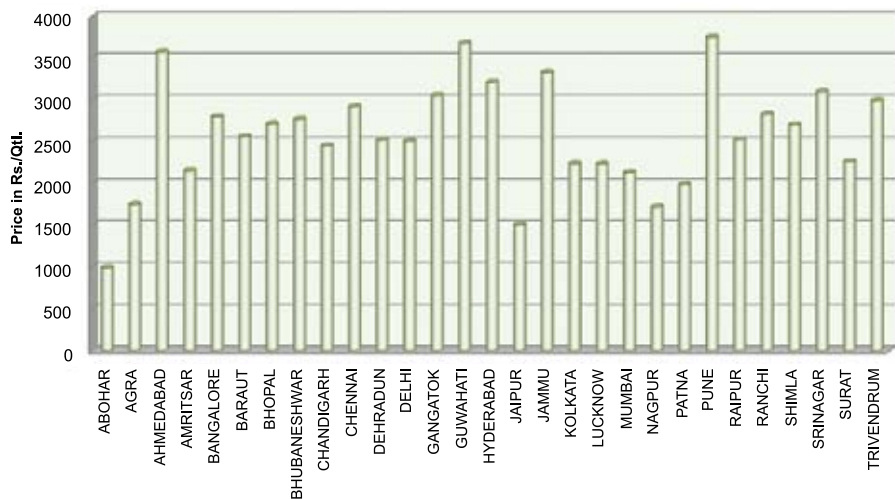
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF MOSAMBI DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./001
Total Arrival in Mt. T.

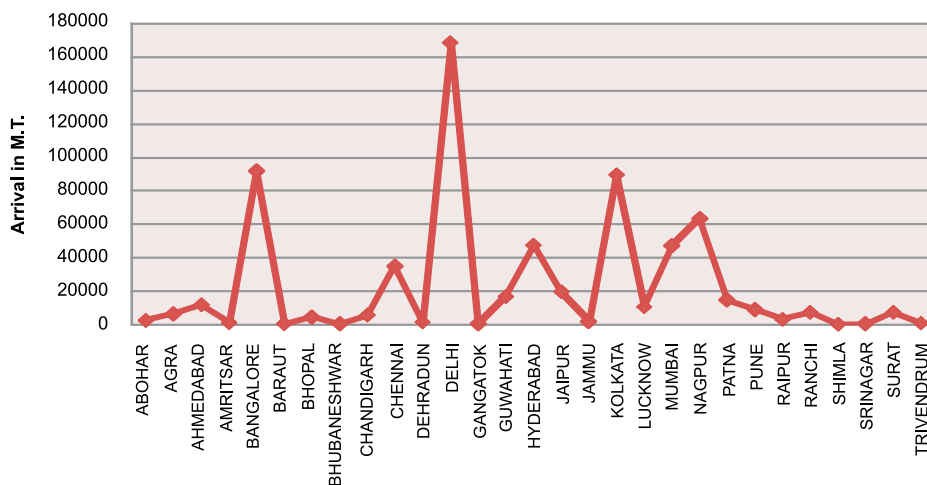
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual			
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival		
ABOHR	1120	175	977	262	820	156	812	104	841	77	943	64	1078	15	1297	220	1141	446	883	585	959	187	0	0	988	2291		
AGRA	1505	827	1527	685	1562	787	1641	913	1861	731	1975	738	1960	1390	1950	181	0	0	0	0	0	0	0	0	1748	6252		
AHMEDABAD	3550	679	3235	916	3218	790	3210	986	4367	346	3548	822	3952	1045	3560	1507	3783	1584	3767	1168	3417	963	3250	938	3571	11744		
AMRITSAR	0	0	0	0	0	0	0	1979	199	2298	87	2670	82	2519	103	2087	96	1956	109	2072	84	1626	440	0	0	2151	1200	
BANGALORE	3052	3871	2837	4293	2552	3694	2750	4095	2750	3987	2770	4509	3909	7071	2604	15600	2284	14048	2540	12112	2767	10912	2780	7360	2800	91552		
BARAUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2826	56	2542	54	2314	35	0	0	2561	145		
BHOPAL	2465	460	2608	504	1698	475	1909	414	2924	187	3476	234	3658	190	3231	266	2572	247	2746	367	2422	371	2662	568	2714	4283		
BHUBANESHWAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2635	106	2640	94	2829	58	2970	15	0	0	2769	273	
CHANDIGARH	0	0	0	0	0	0	0	0	2886	806	2748	680	2502	870	1935	1097	2306	942	2308	777	2445	212	0	0	2447	5384		
CHENNAI	3192	1642	3258	2610	3000	2710	2817	2740	3019	3290	3100	3150	3367	2960	2513	3290	1938	4370	2160	4160	3138	2445	3468	1340	2914	34707		
DEHRADUN	2293	103	2335	95	2239	99	2327	118	2567	120	2752	108	2579	165	2633	142	2490	155	2479	116	2625	63	2873	25	2516	1309		
DELHI	1879	2657	1913	4372	2079	12495	2546	16790	3238	21706	3288	16476	2883	24608	2163	23712	2196	29959	2750	11219	3021	2262	2105	2231	2505	168487		
GANGATOK	3422	11	2908	11	2604	5	3110	9	3389	8	3240	9	3519	7	3517	15	2500	35	2218	37	2284	36	3840	43	3046	224		
GUWAHATI	3300	32	3900	15	3648	763	3130	815	3777	904	4377	841	4512	925	3626	876	3278	804	3495	698	3594	771	3426	9330	3672	16774		
HYDERABAD	1406	3252	2106	7471	2160	4862	2961	4106	4020	3453	5962	2223	6700	3956	3175	3412	2588	4896	2656	4018	2640	3533	2152	2030	3211	47312		
JAIPIUR	1626	416	1385	787	1395	1877	1545	1605	1650	2633	1797	1957	1464	2753	1136	1798	1361	3468	1538	1646	1620	521	1498	104	1501	19565		
JAMMU	0	0	0	0	0	0	2980	72	3656	183	3684	159	3526	229	3310	205	2876	227	3288	304	3320	277	3333	158	3330	1814		
KOLKATA	2302	5008	1885	5968	1758	7536	2258	7904	2276	7872	2546	6192	2098	11648	1640	11376	1705	11152	2455	7264	2666	4592	3036	2936	2235	89448		
LUCKNOW	3004	337	2737	231	2196	715	1935	1126	2141	667	2583	782	2136	1658	1893	1470	1614	2021	1975	968	2033	340	2559	98	2234	10413		
MUMBAI	2648	4837	2078	4350	1983	4987	2538	4977	2719	4260	2192	2885	1915	3393	2311	1721	1821	3446	2216	4558	1472	2958	1692	4895	2132	47067		
NAGPUR	1243	2130	1310	5140	1192	6940	1616	6220	1979	5210	1958	1840	1650	1807	1255	5640	1538	8570	1995	10856	2270	5900	2578	3050	1715	63203		
PATNA	1483	618	1458	630	1815	1215	2135	1420	2347	1179	2395	1380	1873	2055	1648	1920	1999	2010	2468	1438	2352	305	1882	336	1988	14506		
PUNE	4905	541	4190	474	2684	850	3058	622	4089	522	4670	483	3867	648	3471	675	3521	611	3355	898	3600	1035	3669	1408	3748	8767		
RAIPUR	2433	224	1814	198	1933	215	2328	266	2982	216	3250	203	2904	267	2445	243	2264	323	2463	287	2680	269	2736	325	2519	3036		
RANCHI	2557	644	2885	854	2989	641	3084	517	3309	542	3343	588	2949	616	2458	627	2896	588	2477	551	2418	626	2547	618	2826	7212		
SHIMLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2700	3		
SRINAGAR	0	0	0	0	0	0	0	0	3004	12	3340	21	3330	23	2900	20	3330	22	3261	23	3266	25	2700	7	2700	36	3092	189
SURAT	2600	926	1343	1032	1639	870	2164	788	2373	527	2480	202	2511	198	2454	274	1759	590	2090	731	2779	532	2892	577	2257	7247		
TRIVENDRUM	2958	36	2734	48	2611	44	2653	56	2718	51	3117	37	3158	58	2872	54	2674	106	2900	71	4250	68	3236	76	2990	705		



Annual Wholesale Average Price Trend of Mosambi-2013



Annual Total Arrival Trend of Mosambi-2013





ORANGE (MANDARIN)

Major Producing State	– Punjab, Madhya Pradesh, Andhra Pradesh, Maharashtra Rajasthan, Assam & Karnataka
Latest Production	– 29.06 Lakh Tonnes
Name of Variety	Recommended Areas
Coorg mandarin	Karnataka, Tamil Nadu
Khasi mandarin	Assam, Meghalaya, Manipur, Arunachal Pradesh, Sikkim, Mizoram, Tripura, Nagaland
Nagpur mandarin	Maharashtra, Karnataka, Tamil Nadu, Madhya Pradesh, Punjab, Rajasthan, West Bengal, Odisha, Himachal Pradesh, Chhattisgarh, Uttar Pradesh, Gujarat, Jammu & Kashmir, Uttarakhand, Jharkhand
Kinnow	Punjab, Maharashtra, Karnataka, Tamil Nadu, Madhya Pradesh, Rajasthan, West Bengal, Himachal Pradesh, Haryana, Chhattisgarh, Uttar Pradesh, Uttarakhand, Jammu & Kashmir, Delhi

Major Orange (Mandarin) Producing Belts in India

Assam	: Kamrup, Goalpara, Kokrajhar, Chirang, Udalguri, Tinsukia, Karbi Anglong, Dima Hasao
Arunachal Pradesh	: Basar, Along, Yazali, Bagara, Ziro, East Siang, East Kameng, Papum Pare, Kurung Kumey, Upper Subansiri, West Siang, Upper Siang, Lower Dibang Valley, Lohit, Anjaw, Changlang, Tirap
Chhattisgarh	: Durg, Balod, Rajnandgaon
Delhi	: Najafgarh, Kapashera, Bijwasan, Kangan Heri
Gujarat	: Mehsana, Kheda, Anand, Vadodara, Surendranagar
Haryana	: Yamuna Nagar, Ambala, Karnal, Panchkula, Kurukshetra, Panipat
Himachal Pradesh	: Sirmour (Dhaura Kuan, Ponta), Kangra (Nur Pur, Indora), Solan (Kunihar), Una (Una, Amb), Hamirpur (Nadaun, Bhoranj)
Jammu & Kashmir	: Baramulla, Jammu, Samba, Kupwara, Kathua, Udhampur, Reasi, Doda, Kishtwar, Ramban, Rajouri, Poonch
Jharkhand	: Palamu, East & West Singhbhum, Chatra
Karnataka	: Chickmagalore, Hassan, Bijapur, Kodagu (Coorg), Raichur, Shimoga
Madhya Pradesh	: Jabalpur, Narsinghpur, Hoshangabad, Harda, Bhopal, Sehore, Raisen, Vidisha, Sagar, Damoh, Bhind, Morena, Sheopur, Gwalior, Chhatarpur, Datia, Tikamgarh, Panna, Betul, Chhindwara, Shivpuri, Guna, Ratlam, Ujjain, Jhabua, Dhar, Indore, Dewas, Khargone
Maharashtra	: Amravati, Nagpur, Wardha, Yavatmal, Buldhana, Washim
Manipur	: Tamenglong, Ukhrul, Churachandpur
Meghalaya	: Dawki, Nongiri, Mawlong, Umsning, Burnihat, Umling, Sesatgiri, Chandigiri, Jowai, Cherrapunjee



Mizoram	: Aizawl (Saitual), Lunglei (Vanlaiphai), Chhimitupui (Saiha Tuipang), Champhai, North, South and West part of Mizoram, Chhimheipui, Kolasib, Tawitaw, Aizawl, Thingdawal
Nagaland	: Mokokchung, Wokha, Kohima, Zunheboto, Dimapur, Mon, Tuensang, Phek, Kiphire, Longleng, Peren
Odisha	: Sambalpur, Debagarh (Deogarh)
Punjab	: Ferozepur, Hoshiarpur, Sri Muksar Sahib, Bathinda
Rajasthan	: Jhalawar, Kota, Baran, Chittorgarh, Bhilwara, Sriganganagar
Sikkim	: North Sikkim (Timbong, Samding, Lum), East Sikkim (Pandam, Packack, Mulukey, Khamdong, Sang, Sumin), South Sikkim (Sripatam, Ligmoo, Lingi, Turuk, Sumbuk Kewzing, Lingding, Tinglay), West Sikkim (Gyalshing, Kabirthang, Barthang, Martam Radhu, Hatheydunga, Chumbong, Zoom)
Tamil Nadu	: Dindigul, Perambalur, Theni, Thoothukudi, Tiruchirappalli, Tirunelveli, Virudhunagar
Tripura	: North & South Tripura (Kanchanpur, Killa, Amarpur), West Tripura & Dhalai (Tulashikhar, Longthorai Valley)
Uttar Pradesh	: Jhansi, Lalitpur, Agra
Uttarakhand	: Chamoli, Rudra Prayag, Pauri, Tehri, Champawat, Pithoragarh
West Bengal	: Darjeeling, Jalpaiguri

Pre-cooling - Forced air

Storage Conditions

Temperature	- 5-70C
Relative Humidity	- 85-90%
Storage Period	- 4-8 weeks
Freezing Point	- -3 to -20C
Sensibility to	- Refrigeration and Freezing



राष्ट्रीय बागवानी बोर्ड
National
Horticulture Board

HARVESTING SEASON OF ORANGE

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF ORANGE

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
2001-02	198.9	5.0	1660.1	3.9	8.3
2002-03	142.8	3.8	1136.6	2.5	8.0
2003-04	183.4	3.9	1244.1	2.7	6.8
2004-05	183.6	3.7	1235.7	2.5	6.7
2005-06	210.8	4.0	1298.8	2.3	6.2
2006-07	198.4	3.6	1357.5	2.3	6.8
2007-08	218.1	3.7	1461.7	2.2	6.7
2008-09	245.5	4.0	1634.0	2.4	6.7
2009-10	285.0	4.5	2084.0	2.9	7.3
2010-11	324.0	5.1	3255.0	4.3	10.0
2011-12	329.1	4.9	3128.5	4.1	9.5
2012-13	311.2	4.5	2906.3	3.6	9.3

PRODUCTION TREND OF ORANGE



Source : Director of Horticulture / Agriculture of respective State / UT's

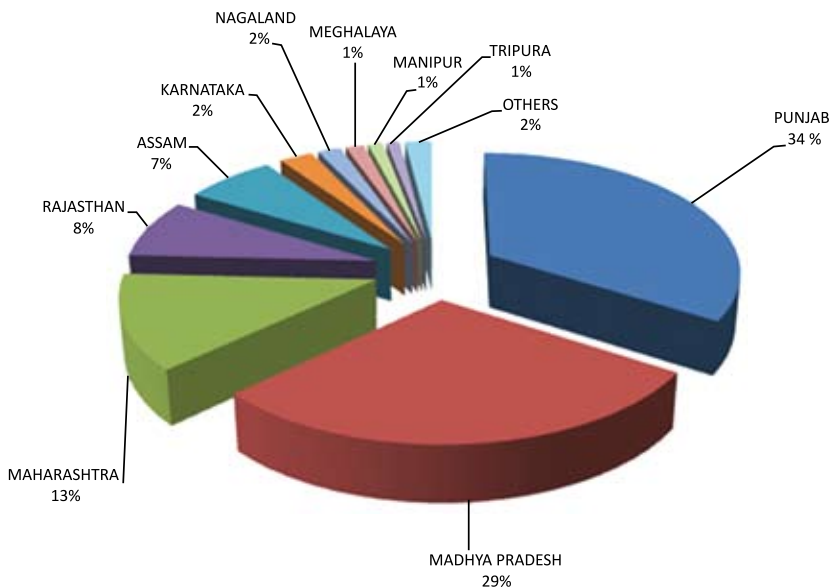


STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF ORANGE

Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
PUNJAB	41.2	872.6	21.2	42.8	915.0	21.4	45.85	988.63	21.6
MADHYA PRADESH	38.0	684.9	18.0	44.2	647.5	14.6	49.52	844.00	17.0
MAHARASHTRA	128.0	500.0	3.9	133.0	443.0	3.3	133.00	370.00	2.8
RAJASTHAN	15.2	272.5	17.9	9.0	179.0	19.9	10.50	227.38	21.7
ASSAM	14.8	170.7	11.5	15.1	175.7	11.6	15.85	195.82	12.4
KARNATAKA	2.2	41.3	18.8	3.0	63.6	21.2	3.20	71.80	22.4
NAGALAND	0.0	0.0	0.0	0.0	0.0	0.0	5.50	50.00	9.1
MEGHALAYA	8.4	35.3	4.2	0.0	0.0	0.0	8.42	39.62	4.7
MANIPUR	3.5	27.7	7.9	4.7	28.7	6.2	5.02	32.64	6.5
TRIPURA	3.8	23.6	6.1	4.7	23.6	5.1	5.28	28.41	5.4
OTHERS	68.6	626.2	9.1	72.7	652.4	9.0	29.04	58.01	2.0
TOTAL	323.8	3255.2	10.1	329.1	3128.5	9.5	311.2	2906.3	9.3

LEADING ORANGE PRODUCING STATES (2012-2013)



Source : Director of Horticulture / Agriculture of respective State / UT's



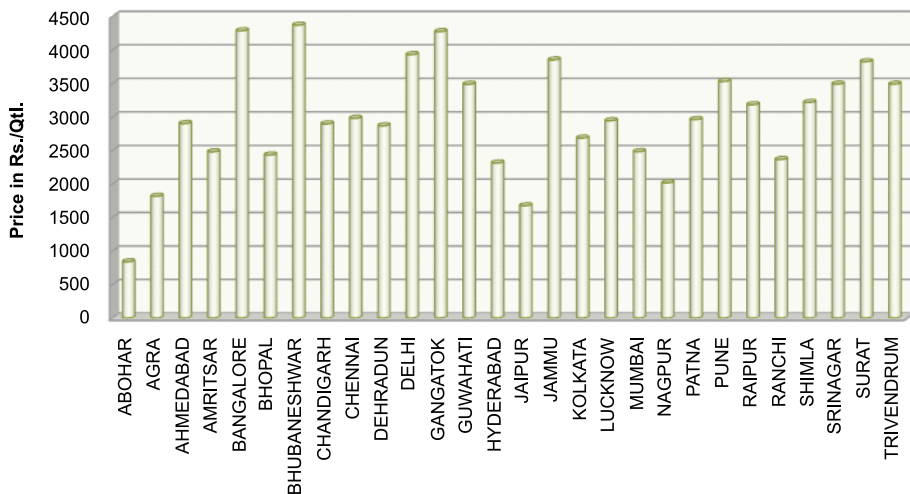
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF ORANGE DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qlt.
Total Arrival in M.T.

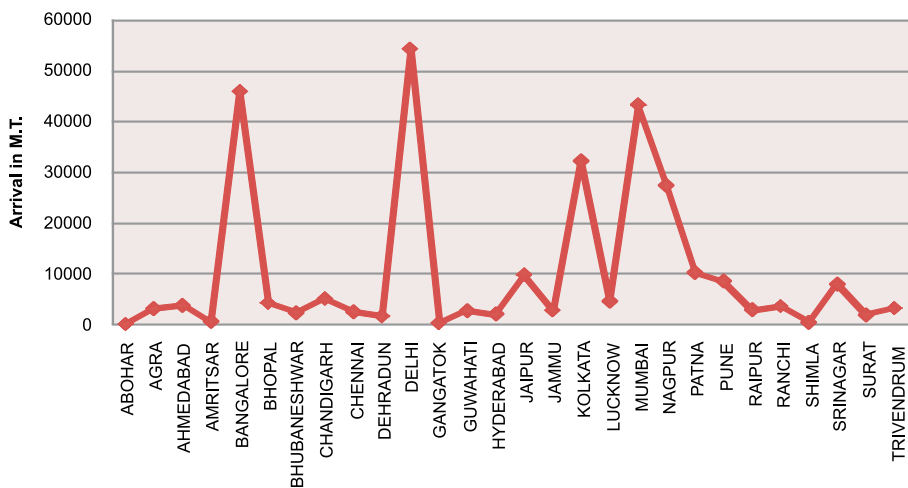
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	
ABO HAR	0	0	0	0	0	840	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	840	8	
AGRA	0	0	0	0	0	1469	1170	1641	1339	2339	607	0	0	0	0	0	0	0	0	0	0	0	0	0	1816	3116	
AHMEDABAD	3173	441	2452	575	2073	540	2455	200	0	0	0	0	0	0	0	0	0	0	3636	453	3375	815	3148	664	2902	3688	
AMRITSAR	3078	72	0	0	2479	121	2662	140	0	0	0	0	0	0	1700	13	2200	6	0	0	2623	100	2623	75	2481	527	
BANGALORE	3106	2180	3261	2110	2792	2187	3315	1782	4660	810	4620	846	6083	1270	7813	1118	7340	767	3238	5664	2940	12208	2248	15120	4285	48062	
BHOPAL	2465	601	2671	652	1748	747	2218	616	2675	106	0	0	0	0	0	2500	18	0	0	0	2459	653	2724	844	2433	4237	
BHUBANESHWAR	4058	396	5491	157	4410	256	5284	270	5842	48	0	0	0	0	0	0	2700	5	4086	144	3975	431	3482	552	4370	2259	
CHANDIGARH	2530	658	2778	632	3251	570	2797	730	2833	436	0	0	0	0	0	0	0	0	0	3328	507	3027	743	2626	820	2896	5096
CHENNAI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2895	1393	3063	1056	2979	2449	
DEHRADUN	2634	66	2939	71	2881	234	3512	308	4108	103	0	0	2300	30	0	0	0	0	0	2597	199	2577	417	2267	242	2868	1670
DELHI	3729	3420	4771	6843	3982	13658	4286	6390	3982	1395	0	0	0	0	0	0	4111	1009	3833	8428	3243	7608	3432	5702	3930	54453	
GANGATOK	3112	72	3013	43	3379	6	3498	3	0	0	0	0	0	0	0	0	0	0	0	0	8080	37	4552	98	4272	258	
GUWAHATI	3307	782	4501	221	0	0	0	0	0	0	4500	35	0	0	1100	12	3300	60	0	0	4226	357	3480	1174	3488	2641	
HYDERABAD	0	0	2295	1482	2331	523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2313	2005	
JAI PUR	1795	155	1926	393	1471	5059	1594	3064	0	0	0	0	0	0	0	0	0	0	0	0	1669	487	1597	565	1675	9723	
JAMMU	3396	159	4404	211	4250	770	4621	674	5500	14	0	0	0	0	0	0	2700	9	3390	290	3108	369	3288	234	3851	2730	
KOLKATA	2776	3008	2696	2362	2513	4816	3432	3202	0	0	0	0	0	0	0	0	0	0	2393	3904	2568	6640	2413	8356	2684	32278	
LUCKNOW	2849	605	3099	663	2448	2127	3433	646	0	0	0	0	0	0	0	0	0	0	0	3838	64	3057	155	1890	334	2945	4594
MUMBAI	2472	5088	2196	4131	2813	4040	3192	6481	3586	916	3423	1754	2735	3998	2591	1235	2133	2674	2400	3971	1168	3919	1083	5182	2483	43389	
NAGPUR	1622	1313	1929	4546	2110	5600	2300	332	0	0	0	0	0	0	0	0	2235	1291	2195	3986	1770	6012	1975	4346	2017	27426	
PATNA	0	0	2522	530	2752	3460	3769	2290	4694	57	0	0	0	0	0	0	0	0	2320	657	2274	2725	2397	445	2961	10164	
PUNE	2463	1243	2529	1070	2642	1061	4575	483	5169	335	4336	179	4200	25	0	0	3400	63	3550	734	3521	1274	2443	2018	3530	8485	
RAIPUR	3352	130	3536	311	3148	568	3939	255	0	0	0	0	0	0	0	0	3386	72	3279	240	2578	607	2240	641	3182	2824	
RANCHI	1913	567	2020	560	1820	604	2244	491	3000	0	0	0	0	0	0	0	0	0	0	2517	130	2553	645	2857	568	2366	3565
SHIMLA	2621	53	3258	6	0	0	3762	64	3533	23	0	0	2500	3	0	0	0	0	0	3288	14	3480	117	3296	115	3217	395
SRINAGAR	2721	1401	3917	725	3684	810	3769	367	0	0	0	0	0	0	0	0	3723	491	3668	1116	3404	1525	3035	1490	3490	7925	
SURAT	3855	422	0	0	4195	136	5408	40	0	0	0	0	0	0	0	0	0	0	0	3863	31	2808	693	2817	550	3824	1872
THIRUVANDRUM	2867	335	3042	313	3082	205	3963	220	4721	146	4363	83	4270	118	4578	130	2982	255	2677	502	2525	502	2800	344	3489	3153	



Annual Wholesale Average Price Trend of Orange-2013



Annual Total Arrival Trend of Orange-2013





GRAPES

- Origin - Central Asia (Region between Black Sea and Caucasian Sea)
- Major Producing States - Maharashtra, Karnataka, Tamil Nadu, Andhra Pradesh and Mizoram
- Latest Production - 24.83 Lakh Tonnes

Name of Variety

Recommended Areas

Anab-e-Shahi	Andhra Pradesh, Punjab, Tamil Nadu, Karnataka
Dil Kush	Karnataka, Andhra Pradesh
Bangalore Blue	Karnataka, Mizoram
Thompson Seedless	Maharashtra, Andhra Pradesh, Tamil Nadu, Karnataka, Himachal Pradesh, Manipur
2A Clone of thompson Seedless	Maharashtra, Karnataka, Andhra Pradesh tas-e-Ganesh(Clone of thompson Seedless)
Sonaka	Maharashtra, Tamil Nadu, Karnataka
Manik Chaman	Maharashtra, Tamil Nadu, Karnataka
Sharad Seedless	Maharashtra, Tamil Nadu
Flame Seedless	Maharashtra, Haryana, Tamil Nadu, Punjab
Red Globe	Maharashtra, Karnataka, Tamil Nadu
Fantasy Seedless	Maharashtra, Karnataka
Pusa Seedless	Punjab, Karnataka, Himachal Pradesh
Manjrn Naveen	Maharashtra, Karnataka
Perlette	Punjab, Haryana, Himachal Pradesh
IARI, New Delhi (Hybrid)	
Pusa Navrang	Punjab, Andhra Pradesh, Karnataka, Mizoram
Pusa urvashi	Punjab, Andhra Pradesh, Karnataka
IIHR, Bangalore (Hybrid)	
Arka Kanchan	Andhra Pradesh, Karnataka, Tamil Nadu
Arkavati	Andhra Pradesh, Karnataka
Arka Shyam	Andhra Pradesh, Karnataka, Tamil Nadu
Arka hans	Andhra Pradesh, Karnataka, Tamil Nadu
Arka neelamani	
(Black Champa x thompson Seedless)	Andhra Pradesh, Karnataka
Shweta Seedless (Anab-e-Shahi x thompson Seedless)	Andhra Pradesh, Karnataka
Arka majestic (Angur Kalam x Black Champa)	Andhra Pradesh, Karnataka
Arka Chitra (Angur Kalam x Anab-e-Shahi)	Andhra Pradesh, Karnataka
Arka Krishna(Black Champa x thompson Seedless)	Andhra Pradesh, Karnataka
Arka Soma (Anab-e-Shahi x Queen of Vineyards)	Andhra Pradesh, Karnataka
Arka trishna(Bangalore Blue x Convent large Black)	Andhra Pradesh, Karnataka



Major Grapes Producing Belts in India

Andhra Pradesh	:	Hyderabad, Rangareddy, Anantapur
Himachal Pradesh	:	Kullu (Bajaura), Mandi (Nagwain), Kinnaur (Ribba, Rekong peo), Solan (Gaura)
Haryana	:	Hisar, Fatehabad, Sirsa
Karnataka	:	Bijapur, Bengaluru (Rural), Kolar, Belgaum, Bengaluru (Urban), Gulbarga, Koppal, Bidar, Belgaum
Punjab	:	Bathinda, Mansa, Sangrur, Faridkot
Maharashtra	:	Sangli, Nasik, Solapur, Pune, Ahmednagar, Latur, Satara, Osmanabad, Buldhana (table Grapes), Nasik, Sangli, Osmanabad, Buldhana (Wine Grapes)
Manipur	:	Imphal West, Bishnupur, Imphal East, Thoubal, Churachandpur, Chandel
Mizoram	:	Champhai
Tamil Nadu	:	Coimbatore, Dindigul, Theni

Commercial varieties can be grouped under four categories based on colour & seeds:

Coloured seeded	–	Red Globe, Bangalore Blue (Isabella), Muscat Hamburg (Gulabi)
Coloured seedless	-	Kishmish Chernyi (shared seedless) and Flame seedless.
White seedless	-	Thompson seedless and its clones (Tas-A-Ganesh, Sonaka and Manik Chaman) and Perlette.

Thompson Seedless and its clones are the major white seedless grapes grown on approximate 70% area. Other seeded and seedless varieties viz.: Kishmish Chernyi (Shared Seedless). Flame Seedless, Red Globe, Perlette etc. cover rest area.

Advanced Technology Propagation	-	Hardwood cutting and bench grafting with machine.
Harvesting	-	Harvest early in the morning. Stack the pallets in the shade. Transport with covered trailer. Use of adequate pre-cooling techniques rapidly removes the field heat.
Pre-cooling	-	Forced air cooling

Storage Conditions

Temperature	-	1-00C(depends on variety and TSS)
Relative Humidity	-	90-95%
Air Velocity	-	An air velocity of approximately 20-40 feet per minute (FPM) is suggested during storage)
Freezing Point	-	-3 to -20C (depends on variety and TSS)
Storage Period	-	5-12 weeks (depends on variety and TSS)
Sensibility to	-	Stem Freezing.



HARVESTING SEASON OF GRAPES

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												

*INFORMATION NOT AVAILABLE

ROUND THE YEAR

PEAK SEASON

LEAN SEASON

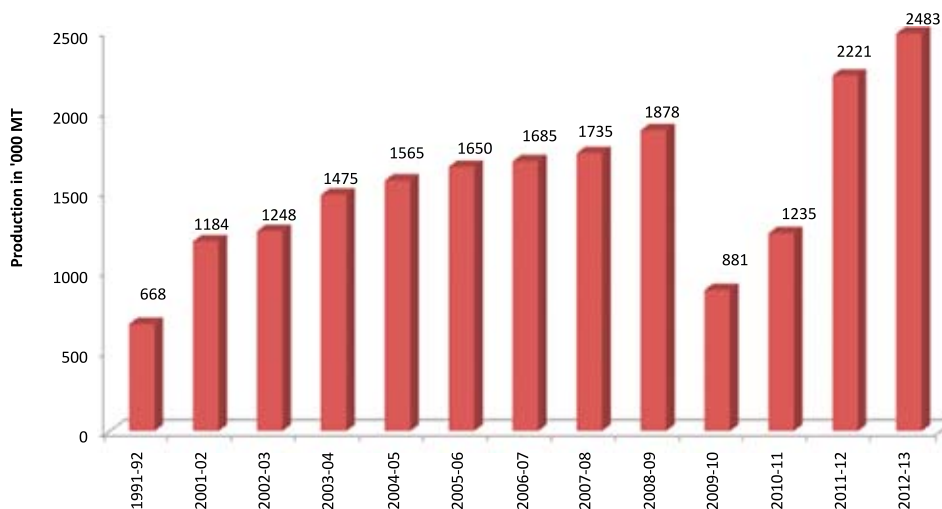
Source : Director of Horticulture / Agriculture of respective State / UT's



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF GRAPES

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	32.4	1.1	668.2	2.3	20.6
2001-02	47.5	1.2	1184.2	2.8	24.9
2002-03	52.1	1.4	1247.8	2.8	24.0
2003-04	57.8	1.2	1474.8	3.2	25.5
2004-05	60.5	1.2	1564.7	3.2	25.9
2005-06	66.0	1.2	1649.6	3.0	25.0
2006-07	65.0	1.2	1685.0	2.8	25.9
2007-08	68.0	1.2	1735.0	2.6	25.5
2008-09	80.0	1.3	1878.0	2.7	23.5
2009-10	106.4	1.7	880.7	1.2	8.3
2010-11	111.0	1.7	1235.0	1.6	11.1
2011-12	116.0	1.7	2220.9	2.9	19.1
2012-13	117.6	1.7	2483.1	3.1	21.1

PRODUCTION TREND OF GRAPES



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF GRAPES

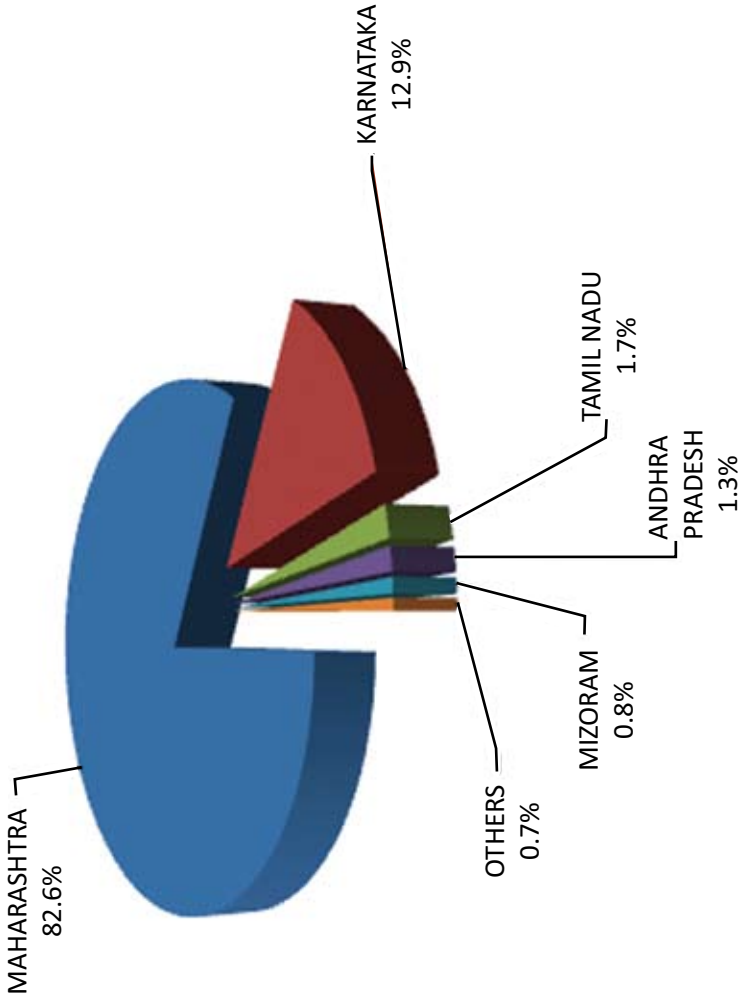
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
MAHARASHTRA	86.0	774.0	9.0	92.0	1810.0	19.7	90.00	2050.00	22.8
KARNATAKA	18.1	330.3	18.3	16.8	288.1	17.1	19.70	320.90	16.3
TAMIL NADU	2.7	53.0	19.3	2.9	55.1	19.0	2.68	43.38	16.2
ANDHRA PRADESH	1.3	27.6	21.0	1.4	28.9	20.6	1.58	31.51	20.0
MIZORAM	1.6	20.4	12.9	1.9	24.3	12.8	2.38	20.80	8.7
OTHERS	1.7	29.5	17.3	1.0	14.5	14.5	1.30	16.50	12.7
TOTAL	111.4	1234.9	11.1	116.0	2220.9	19.1	117.6	2483.1	21.1

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING GRAPES PRODUCING STATES (2012-2013)





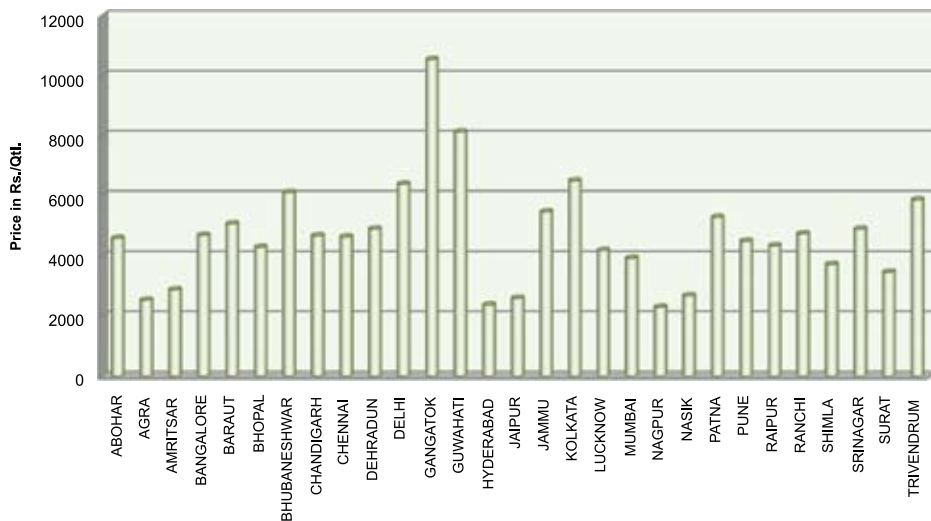
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF GRAPES DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qu.
Total Arrival in M.T.

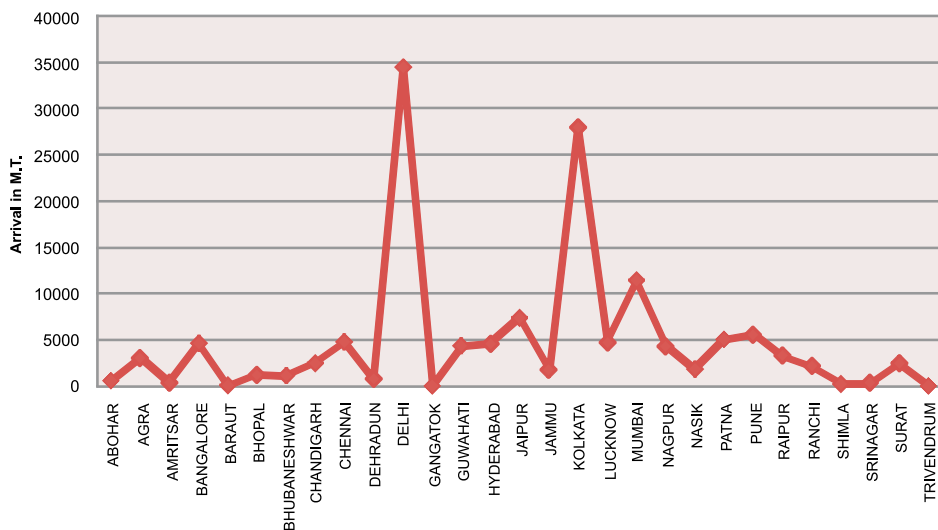
Center name	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual
ABDHAR	4644	54 3959	83 3639	97 3504	66 4248	43 4038	23 3950	10 5484	46 5980	79 5479	106 5709	35 0	0 4801 642
AGRA	0	0	0	0	2694	1057 2446	1262 2480	782	0	0	0	0	0 2540 3101
AMRITSAR	0	0 3260	83 2983	138 3003	210	0	0	0	2300	4	0	0	0 2887 435
BANGALORE	3770	549 3402	1278 3521	1300 4837	965 6833	45	0	0	0	0	0	0	0 5846 570 4702 4707
BARAUT	0	0 5996	25 4620	40 4629	32	0	0	0	0	0	0	0	0 5082 97
BHOPAL	0	0 4920	297 3521	384 3435	446 5338	153	0	0	0	0	0	0	0 4304 1280
BHUBANESHWAR	6825	186 5539	291 4781	295 5283	265 6213	146	0	0	0	0	0	0	0 8050 2 6115 1185
CHANDIGARH	5142	552 4060	828 4223	690 4844	385 5145	80	0	0	0	0	0	0	0 4683 2535
CHENNAI	4200	502 4287	1408 4296	1230 4521	1160 5923	540	0	0	0	0	0	0	0 4645 4840
DEHRADUN	6565	42 4233	113 3780	260 4174	356 5776	95	0	0	0	0	0	0	0 4906 866
DELHI	6032	7016 4706	7801 4310	9147 4796	5971 3631	2060 4788	75 7287	54 8205	70 7808	297 8533	236 8879	883 7571	897 6396 34507
GANGATOK	12560	13 9404	14 8083	10 9833	11	0	0	0	0	0	0	0	0 12846 18 10545 66
GUWAHATI	8464	463 5984	918 6108	1304 6733	871 8307	424	0	0	0	0	0	0	0 13200 420 8133 4400
HYDERABAD	0	0 3889	1071 3269	1775 3200	1568	0	0	0	0	950 199	800 59	0	0 2382 4672
JAIPUR	3308	429 2523	1267 2374	2098 2642	2107 2168	1545	0	0	0	0	0	0	0 2603 7446
JAMMU	5842	241 5563	419 5217	590 5317	505 5477	76	0	0	0	0	0	0	0 5483 1831
KOLKATA	5333	4032 4578	4726 4620	7274 5023	6432 7590	2160 8094	550	0	0	0	0	0	0 8547 736 8229 2101 6502 28011
LUCKNOW	5225	310 4674	1759 3387	1982 3863	619 4032	118	0	0	0	0	0	0	0 4196 4788
MUMBAI	5580	2757 4730	1099 3837	1722 3990	869 4028	693	0	0	0	4000 81	2420 469	2700 1107	4229 2085 3935 11462
NAGPUR	2422	245 2398	685 2500	334 2496	824 2650	530 1973	292 2392	270	0	0 1842	329 1482	267 2324	258 2695 305 2306 4339
NASIK	2980	170 2494	723 2513	606 2753	401	0	0	0	0	0	0	0	0 2685 1900
PATNA	5602	378 4299	1350 4629	1870 4898	1255 7072	268	0	0	0	0	0	0	0 5300 5121
PUNE	0	0 4022	4008 4129	1327 4700	231 5150	84	0	0	0	0	0	0	0 4500 5950
RAIPUR	4900	278 3918	927 3729	1204 4365	844 4822	96	0	0	0	0	0	0	0 4347 3349
RANCHI	6060	556 3583	702 3450	413 4187	294 5253	54	0	0	0	0	0	0	0 5977 183 4752 2212
SHIMLA	4175	14 4193	60 3350	93 3598	118 3289	36 3750	3	0	0	0	0	0	0 3726 324
SRINAGAR	6470	86 5294	88 4337	104 4075	116 4367	12	0	0	0	0	0	0	0 4909 406
SURAT	3668	320 3565	650 3053	1100 3588	417	0	0	0	0	0	0	0	0 3469 2487
TRIVENDRUM	6317	12 5908	24 4375	21 5300	13	0	0	0	0	0	0	0	0 7500 2 5880 72



Annual Wholesale Average Price Trend of Grapes-2013



Annual Total Arrival Trend of Grapes-2013





GUAVA

Origin	- Tropical America
Major Producing States	- Maharashtra, Madhya Pradesh, Uttar Pradesh, Bihar, West Bengal, Punjab, Gujarat & Karnataka
Latest Production	- 31.98 Lakh Tonnes

Name of Variety	Recommended Areas
Sardar (I-49)	All over India
Allahabad Safeda	All over India
Chittidar	Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand
Apple Colour	Uttar Pradesh
Lalit	All over India
Shweta	All over India
Allahabad Surkha	Uttar Pradesh
Arka mridula	Tamil Nadu, Karnataka, Andhra Pradesh, Maharashtra
Dhareedhar	Chhattisgarh, Madhya Pradesh
Pant Prabhat	Uttar Pradesh, Uttarakhand
IIHR, Bangalore (Hybrid)	
Arka Amulya	Tamil Nadu, Karnataka, Andhra Pradesh, Maharashtra, Punjab
Arka Kiran	Karnataka, Andhra Pradesh, Maharashtra
HAU, Hissar (Hybrid)	
Hisar Safeda	Haryana, Punjab
Hisar Surkha	Haryana, Punjab

Major Guava Producing Belts in India

Andhra Pradesh	: Anantapur, Khammam, East & West Godavari, Guntur, Krishna, Medak
Arunachal Pradesh	: Changlang, Upper Siang, West Siang,
Assam	: Cochar, Dhubri, Kokrajhar, Bongaigaon, Barpeta, Darrang, Nagaon, Marigaon, Chirang, Tinsukia
Bihar	: Bhojpur, Buxar, Vaishali, Bhagalpur, Gaya, Aurangabad, Rohtas, Samastipur, Begusarai, Katihar, East & West Champaran, Araia
Chhattisgarh	: Raipur, Gariaband, Baloda Bazar, Mahasamund, Dhamtari, Durg, Rajnandgaon, Balod, Bemetara, Kabirdham, Mungeli, Bilaspur, Janjgir-Champa, Raigarh, Surguja, Korba, Balrampur, Surajpur, Koriya, Jashpur, Bastar (Jagdalpur), Kondagaon, Narayanpur, Dantewada, Sukma, Bijapur, Kanker
Delhi	: Shakarpur, Najafgarh, Alipur
Gujarat	: Ahmedabad, Bhavnagar, Bharuch
Haryana	: Mewat, Hisar, Sirsa, Fatehabad, Jind, Jhajjar, Sonapat, Karnal, Yamuna Nagar, Ambala
Himachal Pradesh	: Kangra, Mandi, Una, Bilaspur, Sirmour, Solan
Jammu & Kashmir	: Jammu, Samba, Kathua, Udhampur, Reasi, Rajouri, Poonch



Jharkhand	:	Ranchi, Lohardaga, Hazaribagh, Giridih, Gumla, Palamu
Karnataka	:	Kolar, Bengaluru (Rural), Bengaluru (Urban), Dharwad, Shimoga
Madhya Pradesh	:	Balaghat, Rewa, Satna, Panna, Seoni, Umaria, Katni, Sheopur, Gwalior, Shivpuri, Betul, Chhindwara, Guna, Ratlam, Ujjain, Jhabua, Dhar, Indore, Dewas, Khargone, Kukshi
Maharashtra	:	Ahmednagar, Nasik, Satara, Beed, Pune, Aurangabad, Amravati, Jalgaon, Jalna, Akola, Wardha
Manipur	:	Imphal West, Bishnupur, Imphal East, Thoubal, , Churachandpur, Chandel
Meghalaya	:	Ri-bhoi, Gharo Hills
Mizoram	:	South Mizoram
Nagaland	:	Kohima, Wokha, Mokokchung, Tuensang, Zunheboto, Phek, Kiphire, Longleng, Mon, Dimapur, Peren
Odisha	:	Cuttack, khordha, Nabarangpur
Punjab	:	Patiala, Ludhiana, Sangrur, S.A.S. Nagar (Mohali), Jalandhar, Sri Muktsar Sahib, Ferozepur, Fazilka, Bathinda, Faridkot, Ropar, Hoshiarpur
Rajasthan	:	Kota, Baran, Chittorgarh, Banswara, Jaipur, Bundi, Ajmer, Karauli, Sawai Madhopur, Bhilwara, Udaipur, Sirohi, Tonk
Sikkim	:	North Sikkim (Timbong, Sanding, Lum), East Sikkim (Pandan, Packack, Ralep, Pakyong, Mulukey), South Sikkim (Turuk-Sumbuk, Lingzo, Mellidara Dong, Wok), West Sikkim (Gyalshing, Rundu, Lasso, Chingthang)
Tamil Nadu	:	Cuddalore, Dindigul, Kanchipuram, Madurai, Theni, Tiruvallur, Thoothukudi, Tiruchirapalli, Tiruneveli, Vellore, Vilupuram, Virudhunagar
Uttar Pradesh	:	Allahabad, Kausambi, Farrukhabad, Kanpur, Unnao, Aligarh, Badaun, Varanasi, Fatehpur, Faizabad, Lucknow Jhansi, Jalaun, Hamirpur, Mahoba, Chitrakoot, Banda, Lalitpur, Agra, Mathura, Sonbhadra, Mirzapur
Uttarakhand	:	Pithoragarh, Udham Singh Nagar, Haridwar, Dehradun, Pauri, Tehri, Uttarkashi
West Bengal	:	Nadia, 24 Parganas (North & South), Birbhum, Midnapore (West & East), Purulia, Bankura, Bardhaman
Advanced Technology	-	High density planting
Pre-cooling	-	Forced air
Storage Conditions		
Temperature	-	7-10°C
Relative Humidity	-	85-90%
Storage Period	-	3-3 weeks
Treatment for Quality	-	Vacuum infiltration of packaged fruits in 10% CACI 2 at ambient temperature retards softening and increase the self-life. Coating of fruit with water soluble high polymer stored at 10°C for 2 months.
Sensibility to	-	Refrigeration and Ethylene



HARVESTING SEASON OF GUAVA

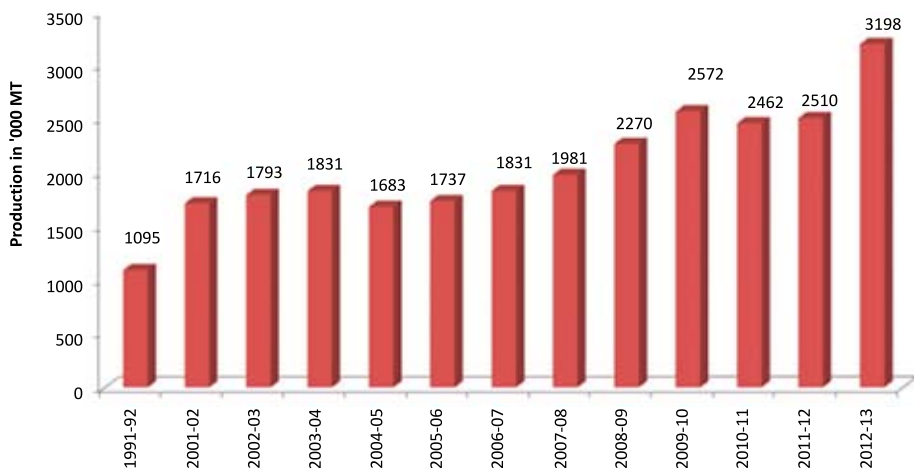
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF GUAVA

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	94.0	3.3	1095.1	3.8	11.7
2001-02	154.6	3.9	1715.5	4.0	11.1
2002-03	154.6	4.1	1793.0	4.0	11.6
2003-04	166.4	3.6	1830.7	4.0	11.0
2004-05	161.0	3.2	1682.8	3.4	10.5
2005-06	166.5	3.1	1736.6	3.1	10.4
2006-07	176.0	3.2	1831.0	3.1	10.4
2007-08	179.0	3.1	1981.0	3.0	11.1
2008-09	204.0	3.3	2270.0	3.3	11.1
2009-10	219.7	3.5	2571.5	3.6	11.7
2010-11	205.0	3.2	2462.0	3.3	12.0
2011-12	219.9	3.3	2510.4	3.3	11.4
2012-13	235.6	3.4	3198.3	3.9	13.6

PRODUCTION TREND OF GUAVA



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION & PRODUCTIVITY OF GUAVA

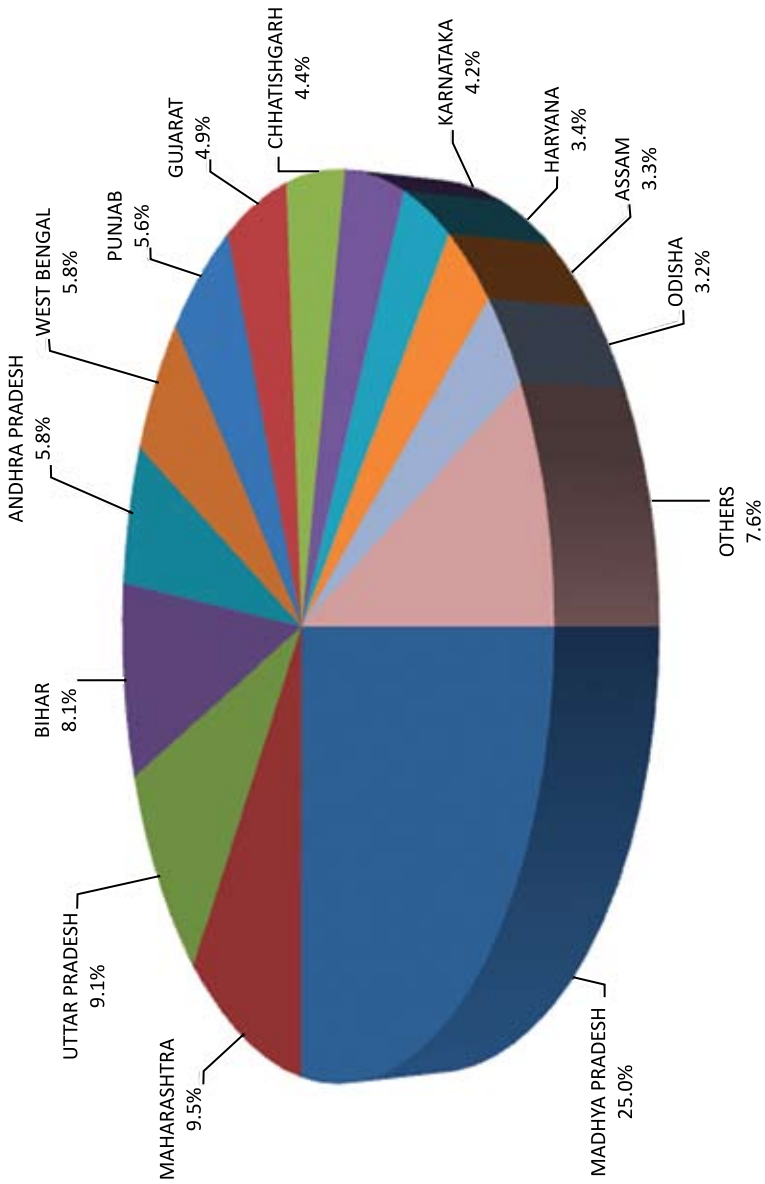
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
MADHYA PRADESH	9.7	280.8	29.0	16.5	255.3	15.5	21.28	801.00	37.6
MAHARASHTRA	36.0	311.0	8.6	37.0	322.0	8.7	39.00	305.00	7.8
UTTAR PRADESH	14.6	241.4	16.5	14.4	251.5	17.5	15.30	291.40	19.0
BIHAR	29.4	235.2	8.0	29.5	245.2	8.3	29.74	259.48	8.7
ANDHRA PRADESH	8.5	128.2	15.0	8.9	134.0	15.1	12.30	184.48	15.0
WEST BENGAL	13.6	178.8	13.2	14.1	179.8	12.8	14.20	184.00	13.0
PUNJAB	7.8	171.0	21.8	7.9	173.8	22.0	8.07	177.57	22.0
GUJARAT	10.2	150.7	14.7	10.5	156.3	14.9	10.61	158.05	14.9
CHHATISHGARH	13.4	102.8	7.7	15.6	121.3	7.8	17.12	140.91	8.2
KARNATAKA	7.3	141.6	19.4	7.1	135.1	19.0	6.80	134.90	19.8
HARYANA	9.3	71.6	7.7	9.7	87.1	9.0	10.38	107.56	10.4
ASSAM	4.9	97.3	20.0	5.0	99.3	19.9	5.27	105.83	20.1
ODISHA	14.2	102.1	7.2	14.3	103.4	7.2	14.23	103.73	7.3
OTHERS	25.9	249.8	9.7	29.5	246.4	8.4	31.31	244.38	7.8
TOTAL	204.8	2462.3	12.0	219.9	2510.4	11.4	235.6	3198.3	13.6

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING GUAVA PRODUCING STATES (2012-2013)





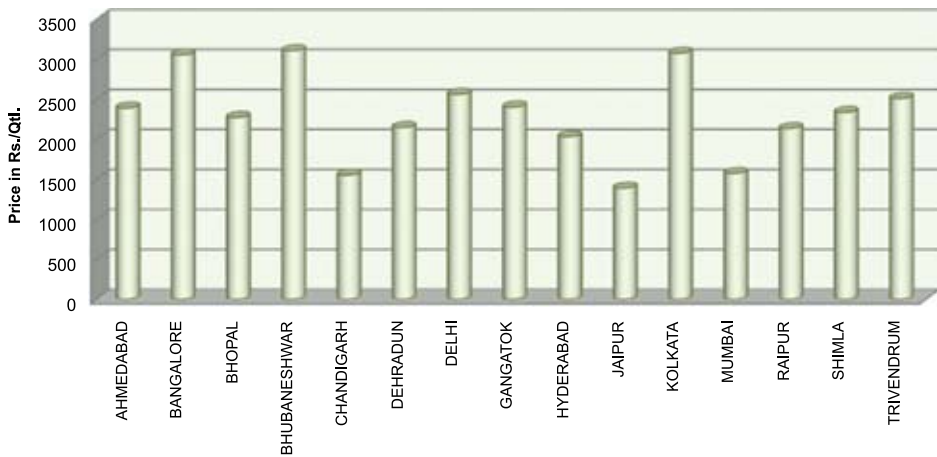
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF GUAVA DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qlt.
Total Arrival in M.T.

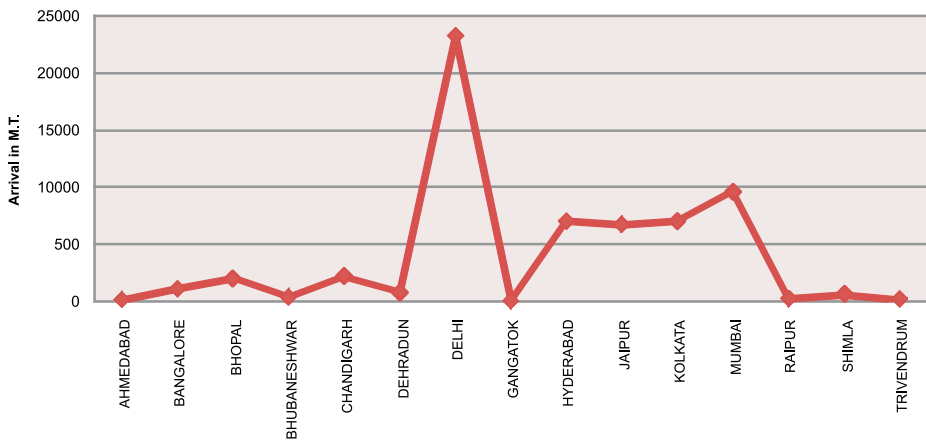
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	
AHMEDABAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2500	2	2500	2	2500	9	2066	171	2392	184	
BANGALORE	2183	70	2815	76	2885	80	2826	72	2938	72	2920	76	3650	78	2865	130	2500	168	3040	128	3321	96	4730	94	3056	1140	
BHOPAL	1946	624	2440	600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2442	788	2276	2012	
BHUBANESHWAR	2692	36	3812	25	3071	29	4233	26	3178	28	3306	32	2785	47	2569	39	2738	36	3035	33	3417	36	2484	36	3110	403	
CHANDIGARH	1371	554	1396	616	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1429	314	2024	740	1555	2224	
DEHRADUN	1594	229	2255	99	2705	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2181	230	2013	226	2150	824	
DELHI	2404	7386	2750	2667	2929	1011	2618	13	3042	4	1347	8	2621	163	2341	879	2625	1440	3056	1326	2453	3713	2581	4620	2564	23230	
GANGATOK	2256	10	2338	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2624	40	2406	57	
HYDERABAD	1600	1591	1883	1982	2169	793	2200	36	0	0	0	0	0	0	0	2588	753	0	0	0	0	0	1776	1869	2036	7024	
JAIPUR	1402	2181	1329	1354	1307	456	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1673	506	1242	2263	1391	6760	
KOLKATA	3049	604	3759	471	4071	319	2540	594	2696	622	2395	744	2137	720	1579	980	2408	684	2845	653	4525	356	4965	280	3078	7027	
MUMBAI	1584	2099	1639	1010	1723	267	0	0	0	0	1489	195	1486	520	1396	637	1342	1152	1958	1267	1576	1144	1542	1334	1575	9824	
RAIPUR	1871	104	1986	72	2300	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2391	99	2137	281	
SHIMLA	2089	90	2087	74	1990	83	2568	58	0	0	0	0	0	0	0	0	0	0	0	2577	97	2541	154	2520	109	2339	665
TRIVENDRUM	2358	14	2506	14	2205	24	2213	26	1913	26	1883	19	0	0	0	0	2976	31	3179	15	3102	16	2780	13	2512	197	



Annual Wholesale Average Price Trend of Guava-2013



Annual Total Arrival Trend of Guava-2013





LITCHI

Major Producing States - Bihar, West Bengal, Jharkhand, Assam,
Punjab, Chhatisgarh & Orissa

Latest Production - 5.80 Lakh Tonnes

Name of Variety

Recommended Areas

Shahi	Bihar, Jharkhand, Uttar Pradesh, Uttarakhand, Sikkim, Chhattisgarh, Madhya Pradesh, Assam
China	Bihar, Jharkhand, Uttar Pradesh, Uttarakhand, West Bengal, Nagaland, Assam
Elaichi	West Bengal
Rose Scented	Uttar Pradesh, Uttarakhand, Bihar, Jharkhand, Punjab, Tamil Nadu, Himachal Pradesh, Jammu & Kashmir
Bedana	Bihar, Jharkhand, West Bengal, Uttar Pradesh, Uttarakhand
Bombai	West Bengal, Assam
Dehradun	Uttarakhand, Punjab, Uttar Pradesh, Jharkhand, Himachal Pradesh, Tamil Nadu, Jammu & Kashmir
Late Seedless	Punjab, Uttar Pradesh, Bihar, Jharkhand, Tamil Nadu
Late large Red	Bihar, Jharkhand, West Bengal, Odisha, Chhattisgarh, Madhya Pradesh, Nagaland, Manipur, Tamil Nadu, Meghalaya
Purbi	Bihar, Jharkhand, West Bengal
Calcuttia	Punjab, Uttar Pradesh, Uttarakhand, West Bengal, Himachal Pradesh, Tamil Nadu, Jammu & Kashmir

Major Litchi Producing Belts in India

Assam	: Dibrugarh, Goalpara, Sonitpur, Lakhimpur, Jorhat, Golaghat, Kamrup, Nalbari, Barpeta, Bongaigaon, Nagaon
Bihar	: Muzaffarpur, Vaishali, East Champaran, West Champaran, Sitamarhi, Sheohar, Samastipur, Bhagalpur
Chhattisgarh	: Korba, Raigarh, Surguja, Jashpur, Surajpur, Balrampur, Koriya, Narayanpur
Himachal Pradesh	: Kangra (Palampur, Panchrukhi, Dharmshala), Sirmour (Paonta Sahib, Dhaula kuan)
Jammu & Kashmir	: Jammu, Samba, Kathua, Udhampur, Reasi
Jharkhand	: Ramgarh, Ranchi, Hazaribagh, Gumla
Madhya Pradesh	: Shahdol, Sidhi, Madla, Dindori
Manipur	: Imphal West, Bishnupur, Imphal East, Thoubal, Churachandpur, Chandel
Meghalaya	: East Khasi Hills, Ri-bhoi, Garo Hills
Nagaland	: Kohima, Wokha, Mokokchung, Tuensang, Zunheboto, Phek, Kiphire, Longleng, Mon, Dimapur, Peren
Odisha	: Sambalpur, Debagarh (Deogarh), Sundergarh, Rayagada, Koraput



Punjab	:	Gurdaspur, Hoshiarpur, Ropar
Sikkim	:	North Sikkim (Phidang), East Sikkim (Majhitar, Bhasmey, Rorathang, Makha, Ralep, Mulukey), South Sikkim (Kitam, Pakzor, Chalamthamthang, Kichudumra), West Sikkim (Sagbari, Kamling)
Tamil Nadu	:	Tiruvavur, Vellore, Vilupuram
Uttar Pradesh	:	Saharanpur, Muzaffarnagar, Kushinagar
Uttarakhand	:	Nainital, Udham Singh Nagar, Haridwar, Dehradun, Almora
West Bengal	:	Malda, Murshidabad, 24 Parganas (North & South), Uttar Dinajpore, Cooch Behar

Advanced Technology	-	High density planting
Pre-cooling	-	Forced air

Storage Conditions

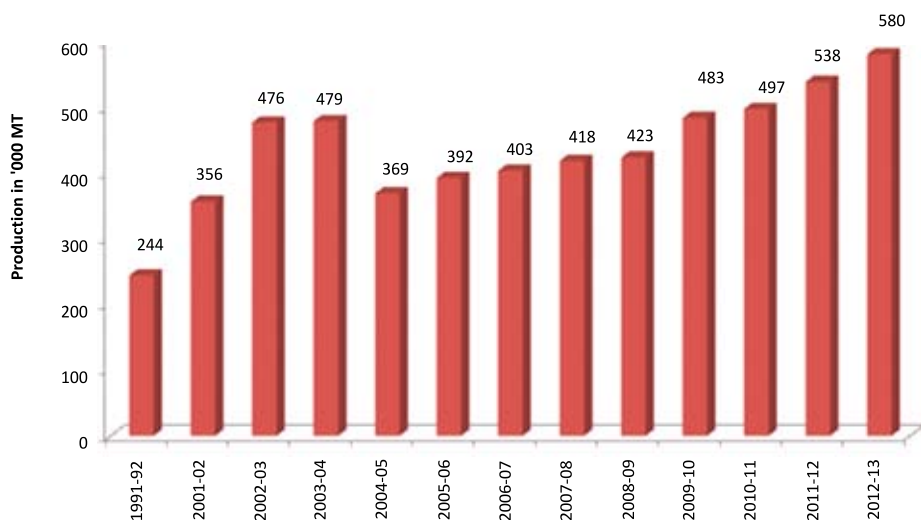
Temperature	-	1-2°C
Relative Humidity	-	90-95%
Storage Period	-	3-5 weeks
Treatment for Quality	-	Sulphur treatment
Sensibility to	-	Refrigeration and Ethylene



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF LITCHI

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	49.3	1.7	243.8	0.9	4.9
2001-02	58.1	1.4	355.9	0.8	6.1
2002-03	54.1	1.4	476.4	1.1	8.8
2003-04	53.7	1.1	478.5	1.0	8.9
2004-05	60.0	1.2	368.6	0.7	6.1
2005-06	63.2	1.2	392.1	0.7	6.2
2006-07	65.0	1.2	403.0	0.7	6.2
2007-08	69.0	1.2	418.0	0.6	6.1
2008-09	72.0	1.2	423.0	0.6	5.9
2009-10	74.4	1.2	483.3	0.7	6.5
2010-11	78.0	1.2	497.0	0.7	6.4
2011-12	80.4	1.2	538.1	0.7	6.7
2012-13	82.7	1.2	580.1	0.7	7.0

PRODUCTION TREND OF LITCHI



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF LITCHI

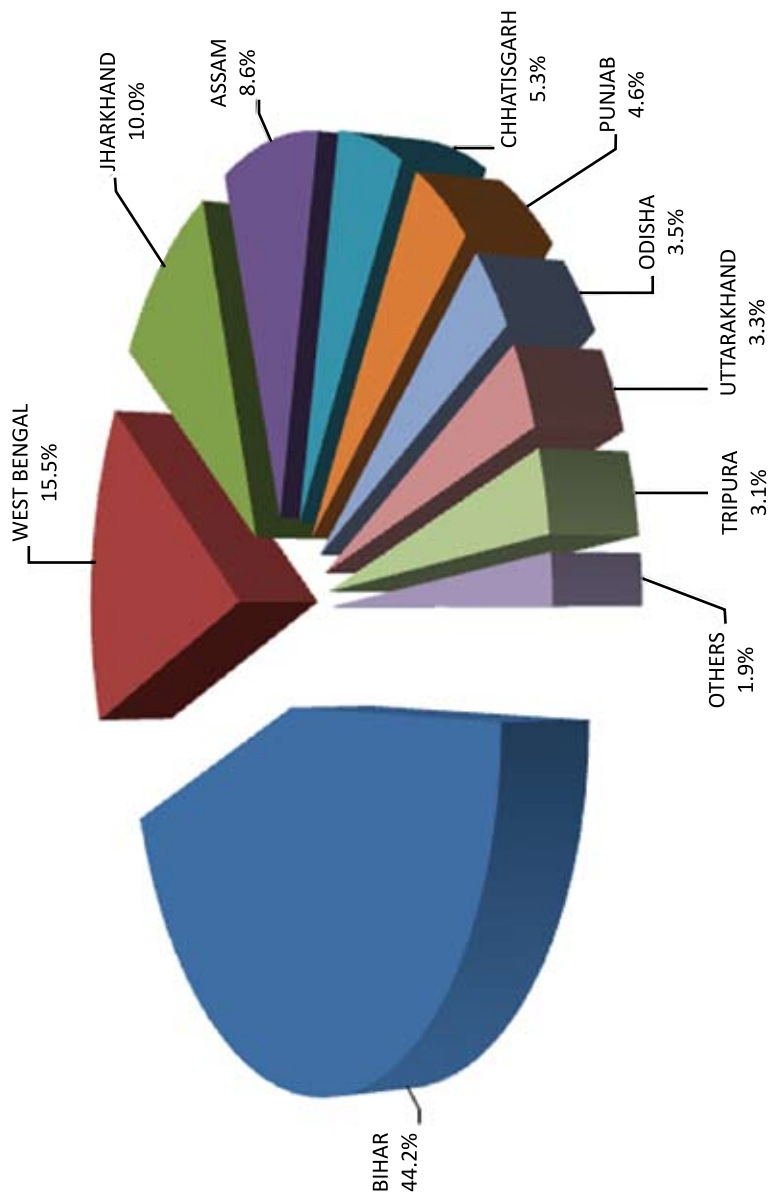
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
BIHAR	31.1	227.0	7.3	31.1	236.4	7.6	31.28	256.43	8.2
WEST BENGAL	8.6	85.1	9.9	8.9	85.3	9.6	9.19	90.00	9.8
JHARKHAND	4.3	35.9	8.4	4.8	57.5	12.0	5.27	58.24	11.0
ASSAM	5.2	40.5	7.8	5.3	41.5	7.8	5.63	49.64	8.8
CHHATTISGARH	3.9	21.4	5.5	4.5	27.1	6.0	4.99	30.89	6.2
PUNJAB	1.6	23.9	14.7	1.7	24.5	14.4	1.75	26.52	15.2
ODISHA	4.4	19.2	4.4	4.5	20.1	4.5	4.46	20.26	4.5
UTTARAKHAND	9.3	18.7	2.0	9.5	19.0	2.0	9.49	19.16	2.0
TRIPURA	2.9	16.6	5.6	3.2	16.6	5.2	3.46	17.97	5.2
OTHERS	6.3	9.1	1.4	6.9	10.1	1.5	7.23	10.98	1.5

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING LITCHI PRODUCING STATES (2012-2013)





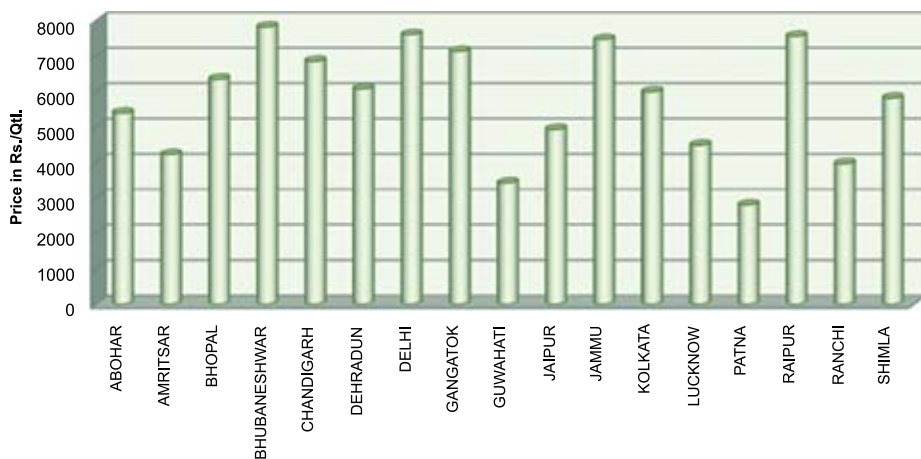
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF LITCHI DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qtl.
Total Arrival in M.T.

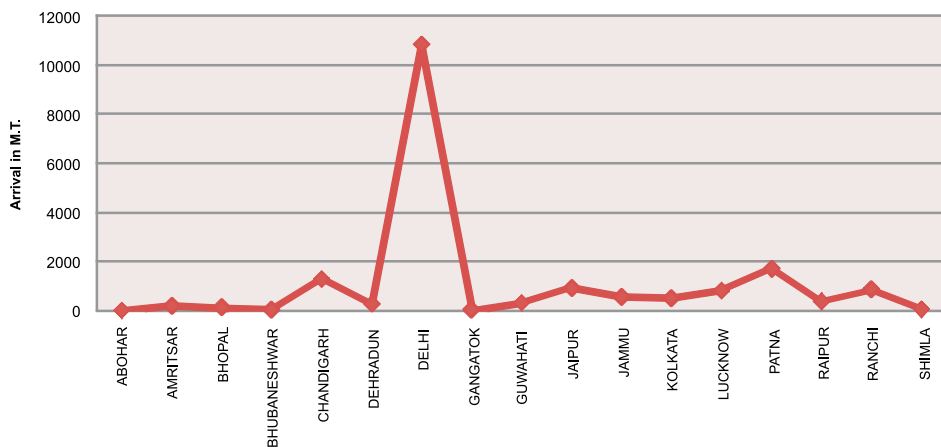
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	
ABOHR	0	0	0	0	0	0	0	0	0	0	0	5688	10	5000	4	5500	4	0	0	0	0	0	0	0	0	5396	18
AMRITSAR	0	0	0	0	0	0	0	0	0	0	0	4228	211	0	0	0	0	0	0	0	0	0	0	0	0	4228	211
BHOPAL	0	0	0	0	0	0	0	0	0	0	0	5952	141	6750	2	0	0	0	0	0	0	0	0	0	0	6351	143
BHUBANESHWAR	0	0	0	0	0	0	0	0	0	8140	25	7506	21	0	0	0	0	0	0	0	0	0	0	0	0	7823	46
CHANDIGARH	0	0	0	0	0	0	0	0	8766	389	6012	561	5798	364	0	0	0	0	0	0	0	0	0	0	0	6859	1294
DEHRADUN	0	0	0	0	0	0	0	0	0	0	0	5613	234	6543	50	0	0	0	0	0	0	0	0	0	0	6078	284
DELHI	0	0	0	0	0	0	0	0	8356	3914	6255	6014	8221	882	0	0	0	0	0	0	0	0	0	0	0	7611	10810
GANGATOK	0	0	0	0	0	0	0	0	0	0	0	7140	33	0	0	0	0	0	0	0	0	0	0	0	0	7140	33
GUWAHATI	0	0	0	0	0	0	0	0	2664	207	4186	121	0	0	0	0	0	0	0	0	0	0	0	0	0	3425	328
JAIPUR	0	0	0	0	0	0	0	0	5505	551	4363	390	0	0	0	0	0	0	0	0	0	0	0	0	0	4934	941
JAMMU	0	0	0	0	0	0	0	0	9250	6	6808	370	6362	187	0	0	0	0	0	0	0	0	0	0	0	7473	563
KOLKATA	0	0	0	0	0	0	0	0	4557	310	7429	216	0	0	0	0	0	0	0	0	0	0	0	0	0	5993	526
LUCKNOW	0	0	0	0	0	0	0	0	4921	264	4059	555	0	0	0	0	0	0	0	0	0	0	0	0	0	4490	819
PATNA	0	0	0	0	0	0	0	0	2415	497	3196	1220	0	0	0	0	0	0	0	0	0	0	0	0	0	2806	1717
RAIPUR	0	0	0	0	0	0	0	0	8020	253	7108	128	0	0	0	0	0	0	0	0	0	0	0	0	0	7564	381
RANCHI	0	0	0	0	0	0	0	0	3983	446	3950	414	0	0	0	0	0	0	0	0	0	0	0	0	0	3967	860
SHIMLA	0	0	0	0	0	0	0	0	0	0	0	6189	56	5450	9	0	0	0	0	0	0	0	0	0	0	5820	65



Annual Wholesale Average Price Trend of Litchi-2013



Annual Total Arrival Trend of Litchi-2013





MANGO

Origin	- South Asia
Major Producing States	- Uttar Pradesh, Andhra Pradesh, Karnataka, Bihar, Gujarat, Tamil Nadu, Orissa, West Bengal & Jharkhand
Latest Production	- 180.02 Lakh Tonnes
Name of Variety	Recommended Areas
Alphonso	Maharashtra, Goa, Karnataka, Gujarat, Himachal Pradesh, Tamil Nadu, Kerala
Banganapalli	Andhra Pradesh, Kerala, Tamil Nadu, Karnataka, Odisha
Bombay Green	Bihar, Jharkhand, West Bengal, Odisha, Chhattisgarh, Madhya Pradesh, Uttarakhand, Uttar Pradesh, Assam
Chausa	Uttar Pradesh, Uttarakhand, Punjab, Bihar, Jharkhand, Himachal Pradesh, Haryana, Jammu & Kashmir, Rajasthan, Delhi
Dashehari	Uttar Pradesh, Punjab, Uttarakhand, Bihar, Jharkhand, Gujarat, Rajasthan, Haryana, Odisha, Himachal Pradesh, Chhattisgarh, Madhya Pradesh, Jammu & Kashmir, Delhi
Fazli	Uttar Pradesh, Uttarakhand, Bihar, Jharkhand, Madhya Pradesh, Chhattisgarh, West Bengal
Gulab Khas	Bihar, Jharkhand, Uttar Pradesh, Uttarakhand, West Bengal
Himsagar	West Bengal, Bihar, Jharkhand, Odisha, Tripura, Mizoram
Kesar	Gujarat, Maharashtra
Kishen Bhog	West Bengal, Bihar, Jharkhand, Rajasthan
Langra	Uttar Pradesh, Punjab, Uttarakhand, Bihar, Jharkhand, Odisha, West Bengal, Himachal Pradesh, Delhi, Chhattisgarh, Madhya Pradesh, Jammu & Kashmir, Haryana, Rajasthan, Gujarat
Mankurad	Goa, Maharashtra (Ratnagiri)
Neelum	Andhra Pradesh, Tamil Nadu, Karnataka, Kerala, Gujarat
Pairi	Maharashtra, Karnataka, Kerala
Totapuri	Andhra Pradesh, Karnataka, Tamil Nadu, Odisha, Gujarat
Mulgoa	Tamil Nadu, Kerala, Karnataka
Imam Pasand	Andhra Pradesh, Kerala
Suvernarekha	Andhra Pradesh
Vanraj	Gujarat
Zardalu	West Bengal, Bihar
CIHS, Lucknow (Hybrid)	
Ambika	Gujarat, Andhra Pradesh, Karnataka
IARI, Lucknow	
Mallika	Uttar Pradesh, Bihar, Delhi, Jharkhand, Karnataka, Andhra Pradesh, Tamil Nadu, Odisha, Uttarakhand, Haryana, Punjab, Rajasthan, Chhattisgarh, Madhya Pradesh, Kerala, Tripura, Jammu & Kashmir
Amrapali	Uttar Pradesh, Bihar, Delhi, Jharkhand, Andhra Pradesh, Tamil Nadu, Odisha, Madhya Pradesh, Chhattisgarh, West Bengal, Punjab, Uttarakhand, Tripura, Nagaland, Assam, Karnataka, Himachal Pradesh, Haryana, Delhi, Rajasthan, Jammu & Kashmir
Pusa Arunima	Uttar Pradesh, Uttarakhand, Bihar, Jharkhand, Punjab, Andhra Pradesh, Tamil Nadu, Odisha, West Bengal
Pusa Surya	Uttar Pradesh, Bihar, Jharkhand, Andhra Pradesh, Tamil Nadu, Odisha, West Bengal, Punjab, Uttarakhand



Pusa Lalima	Uttar Pradesh, Delhi, Punjab, Haryana
Pusa Shreshth	Uttar Pradesh, Bihar, Jharkhand, Andhra Pradesh
Pusa Pratibha	All over India
Pusa Peetamber	Uttar Pradesh, Delhi, Punjab, Haryana, Rajasthan
BSKKV, Dapoli, Maharashtra	
Ratna	Maharashtra, Karnataka
Sindhu	Maharashtra, Gujarat
IIHR, Bangalore	
Arka Aruna (Banganapalli x Alphonso)	Andhra Pradesh, Karnataka, Tamil Nadu, Andaman & Nicobar Islands (Port Blair)
Arka Anmol (Alphonso x Janardhan Pasand)	Andhra Pradesh, Karnataka, Tamil Nadu, Andaman & Nicobar Islands (Port Blair)
Arka neelkiran (Alphonso x Neelum)	Andhra Pradesh, Karnataka

Major Mango Producing Belts in India

Andaman & Nicobar Island	: South Andaman, North & Middle Andaman, Nicobar
Andhra Pradesh	: Srikakulam, West Godavari, Guntur, Nellore, Prakasam, Chittoor, Kadapa, Anantapur, Kurnool, Mahabubnagar, Rangareddy, Medak, Nizamabad, Karimnagar, Warangal, Adilabad, Khammam, Nalgonda
Assam	: Cachar, Karimganj, Kamrup, Marigaon, Golaghat, Sivsagar, Dhemaji
Bihar	: Darbhanga, Bhagalpur, Muzaffarpur, East Champaran, West Champaran, Sitamarhi, Sheohar, Vaishali, Saharsa
Chhattisgarh	: Raipur, Gariaband, Baloda Bazar, Mahasamund, Dhamtari, Durg, Rajnandgaon, Balod, Bemetara, Kabirdham (Kawardha), Mungeli, Bilaspur, Janjgir-Champa, Raigarh, Surguja, Korba, Balrampur, Surajpur, Koriya, Jashpur, Bastar (Jagdalpur), Kondagaon, Narayanpur, Dantewada, Sukma, Bijapur, Kanker
Delhi	: Mehroli, Fatehpur, Bhatti, Andheria Mod
Goa	: All over Goa
Gujarat	: Junagadh, Bhavnagar, Amreli, Valsad, Navsari, Surat, The Dangs
Haryana	: Yamuna Nagar, Ambala, Karnal, Panchkula, Kurukshetra, Panipat
Himachal Pradesh	: Shimla (Rampur), Mandi (Sunder Nagar), Kangra (Dehra, Gopipur, Praggur, Indora), Solan (Kuniyar, Arki), Sirmour (Paonta Sahib, Nahan, Dhaulakuan), Bilaspur (Ghumarwin, Jandutta), Una (Amb, Bangana, Gagret), Hamirpur (Bhoranj, Nadaun)
Jammu & Kashmir	: Jammu, Samba, Kupwara, Kathua, Udhampur, Reasi, Rajouri
Jharkhand	: Ranchi, Gumla, Hazaribagh, Ramgarh, Pakaur, Dumka, Deogarh, Jamtara, Giridih, Sahebganj
Karnataka	: Kolar, Bengaluru, Tumkur, Mysore, Belgaum, Hassan, Dharwad
Kerala	: Palakkad (Muthalamada), Alappuzha (Cherthala, Chengannoor), Thiruvananthapuram (Varkala)
Madhya Pradesh	: Balaghat, Rewa, Satna, Part of Panna, Seoni, Umaria, Katni, Jabalpur, Narsinghpur, Harda, Hoshangabad, Shahdol, Sidhi, Bhopal, Sehore, Guna, Raisen, Vidisha, Sagar, Damoh, Kukshi, Dhar, Betul, Chhindwara, Chhatarpur, Datia, Tikamgarh
Maharashtra	: Ratnagiri, Sindhudurg, Thane, Raigad, Mumbai, Aurangabad, Beed, Hingoli, Jalna, Latur, Nanded, Osmanabad, Parbhani
Mizoram	: South Mizoram
Nagaland	: Kohima, Wokha, Mokochug, Tuensang, Zunheboto, Phek, Kiphire, Longleng, Mon, Dimapur, Peren



Odisha	:	All Districts (Amrapali, mallika), Koraput, Nabaranpur, Rayagade, Kendujhar (Keonjhar), Mayurbhanj, Kandhamal, Debagarh (Deogarh), Sundergarh, Sambalpur, Dhenkanal, Angul, Subarnapur (Sonepur), Cuttack, Puri, Gajapati
Punjab	:	Gurdaspur, Hoshiarpur, Ropar
Rajasthan	:	Chittorgarh, Banswara, Karauli, Dungarpur, Udaipur, Sawai Madhopur, Sirohi
Tamil Nadu	:	Coimbatore, Dharmapuri, Dindigul, Krishnagiri, Madurai, Salem, Theni, Thiruvallur, Thirunelveli, Vellore
Tripura	:	South Tripura (Rajnagar, Bagafa, Sabroom), West Tripura (Bishalgar, Dukli, Melaghar), North Tripura (Kumarghat, Gournagar), Dhalai (Kamalpur, Ambassa)
Tamil Nadu	:	Coimbatore, Dharmapuri, Dindigul, Krishnagiri, Madurai, Salem, Theni, Tiruvallur, Tirunelveli, Vellore
Uttar Pradesh	:	Lucknow (Mal. Malihabad, Kakori, Baxi-ka-Talab), Pratapgarh (Kunda, Kalakankar, Sardar, Mangraura), Allahabad (Chayal, Mooratganj), Bulandshahar (Suana, Unchagaon), Saharanpur (Behat), Faizabad (Masaudha, Sohawal), Varanasi (Chiraigoan), Moradabad (Amroha, Joya, Gajraula), Barabanki (Banki, Deva), Meerut (Khekra, Jhani, Pilana, Shahjahanpur), Unnao (Shafipur, Fatehpur-Chaurasi, Miyanganj, Auras, Hasanganj), Sitapur (Mohmodabad), Hardoi (Shahabad), Gorakhpur, Basti, J.P. Nagar, Mathura
Uttarakhand	:	Nainital, Almora, Udham Singh Nagar, Haridwar, Dehradun, Kotdwar
West Bengal	:	Malda, Murshidabad, 24 Parganas (North & South), Midnapore (West & East), Purulia, Bankura, Birbhum, Bardhaman, Hooghly, Howrah, Nadia, Uttar Dinajpore, Dakshin Dinajpore
Advanced Technology	-	High density planting
Pre-cooling	-	Forced air
Storage Conditions		
Temperature	-	13°C
Relative Humidity	-	85-90%
Storage Period	-	2-3 weeks
Freezing Point	-	-1°C
Sensibility to	-	Refrigeration, Freezing and Ethylene exposure



HARVESTING SEASON OF MANGO

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF MANGO

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	1077.6	37.5	8715.6	30.4	8.1
2001-02	1575.8	39.3	10020.2	23.3	6.4
2002-03	1623.4	42.9	12733.2	28.2	7.8
2003-04	1906.7	40.8	11490.0	25.2	6.0
2004-05	1970.4	39.7	11829.7	24.0	6.0
2005-06	2080.7	39.1	12663.1	22.9	6.1
2006-07	2154.0	38.8	13734.0	23.1	6.4
2007-08	2201.0	37.6	13997.0	21.3	6.4
2008-09	2309.0	37.8	12750.0	18.6	5.5
2009-10	2312.3	36.5	15026.7	21.0	6.5
2010-11	2297.0	36.0	15188.0	20.3	6.6
2011-12	2378.1	35.5	16196.4	21.2	6.8
2012-13	2500.0	35.8	18002.4	22.1	7.2

PRODUCTION TREND OF MANGO



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF MANGO

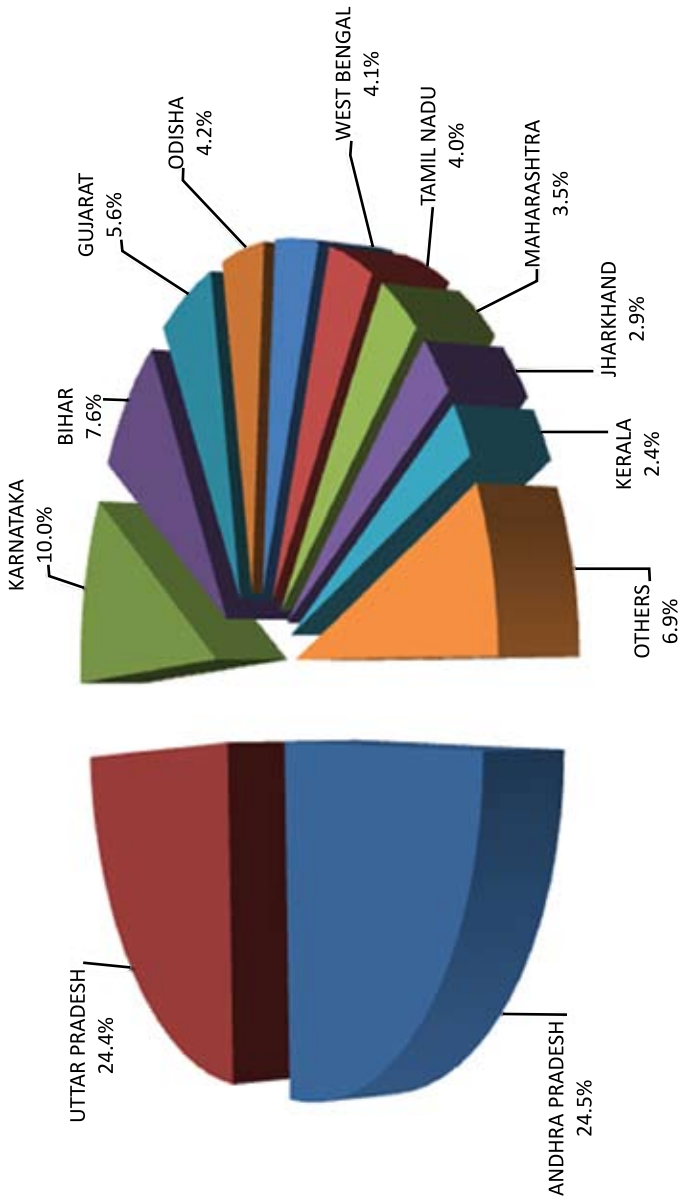
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ANDHRA PRADESH	391.1	3363.4	8.6	408.7	3514.8	8.6	489.66	4406.92	9.0
UTTAR PRADESH	267.2	3623.2	13.6	258.3	3840.8	14.9	274.03	4386.99	16.0
KARNATAKA	161.6	1778.8	11.0	172.4	1868.3	10.8	178.80	1795.10	10.0
BIHAR	147.0	1334.9	9.1	147.5	1241.8	8.4	147.74	1363.80	9.2
GUJARAT	130.1	911.3	7.0	136.2	966.0	7.1	141.26	1003.71	7.1
ODISHA	190.1	642.0	3.4	197.2	715.2	3.6	197.46	753.79	3.8
WEST BENGAL	89.5	620.2	6.9	90.9	661.5	7.3	92.50	735.00	7.9
TAMIL NADU	148.0	823.7	5.6	151.9	889.6	5.9	152.43	714.08	4.7
MAHARASHTRA	477.0	331.0	0.7	482.0	503.0	1.0	482.00	633.00	1.3
JHARKHAND	38.9	427.9	11.0	50.3	515.6	10.3	51.33	517.92	10.1
KERALA	62.2	380.9	6.1	63.8	373.2	5.8	74.44	441.03	5.9
OTHERS	194.0	951.1	4.9	218.9	1106.6	5.1	218.37	1251.03	5.7
TOTAL	2296.8	15188.4	6.6	2378.1	16196.4	6.8	2500.0	18002.4	7.2

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING MANGO PRODUCING STATES (2012-2013)





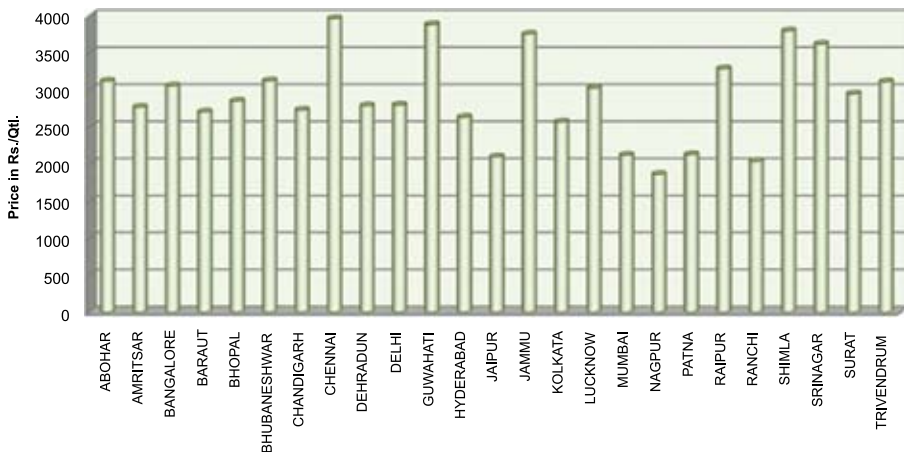
MONTHLY AVERAGE WHOLESAL PRICE & TOTAL ARRIVAL OF MANGO DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qlt.
Total Arrival in M.T.

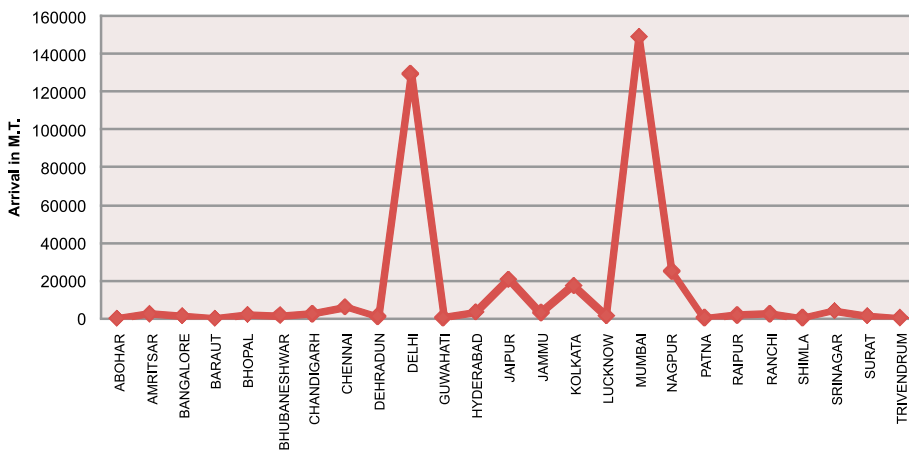
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual	
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival
ABOHR	0	0	0	0	0	0	3100	17	2187	38	2379	15	3250	2	0	0	3684	24	4125	7	0	0	0	0	3121	103
AMRITSAR	0	0	0	0	0	0	2921	533	2588	1185	2798	772	0	0	0	0	0	0	0	0	0	0	0	0	2769	2490
BANGALORE	0	0	0	0	0	0	0	0	2850	0	2535	0	3783	1405	0	0	0	0	0	0	0	0	0	0	3056	1405
BARAUT	0	0	0	0	0	0	0	0	0	0	2950	28	2458	30	0	0	0	0	0	0	0	0	0	0	2704	58
BHOPAL	0	0	0	0	0	0	3193	613	2511	721	2854	654	2837	181	0	0	0	0	0	0	0	0	0	0	2849	2169
BHUBANESHWAR	0	0	0	0	0	0	3455	152	2707	711	2396	613	3941	94	0	0	0	0	0	0	0	0	0	0	3125	1570
CHANDIGARH	0	0	0	0	0	0	2963	649	2635	1093	2592	768	0	0	0	0	0	0	0	0	0	0	0	0	2730	2510
CHENNAI	0	0	0	0	0	0	4179	980	3496	2053	3344	2417	4837	628	0	0	0	0	0	0	0	0	0	0	3964	6088
DEHRADUN	0	0	0	0	0	0	3573	106	2490	480	2584	304	2500	25	0	0	0	0	0	0	0	0	0	0	2787	915
DELHI	0	0	0	0	0	0	3201	11067	2357	43554	2750	52388	2878	22645	0	0	0	0	0	0	0	0	0	0	2797	129654
GUWAHATI	0	0	0	0	0	0	0	0	3798	342	3967	82	0	0	0	0	0	0	0	0	0	0	0	0	3883	424
HYDERABAD	0	0	0	3569	710	2729	2094	1600	569	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2633	3373
JAIPUR	0	0	0	2633	114	2265	2967	1665	11677	1826	5947	0	0	0	0	0	0	0	0	0	0	0	0	0	2097	20705
JAMMU	0	0	0	0	0	0	4190	715	3262	1401	3820	674	3746	117	0	0	0	0	0	0	0	0	0	0	3755	2907
KOLKATA	0	0	0	0	0	0	3127	2512	2206	11968	2375	2942	0	0	0	0	0	0	0	0	0	0	0	0	2569	17422
LUCKNOW/100	0	0	0	0	0	0	3766	430	2824	974	2496	93	0	0	0	0	0	0	0	0	0	0	0	0	3025	1497
MUMBAI	0	0	0	2820	0	2435	0	1478	0	1757	149093	0	0	0	0	0	0	0	0	0	0	0	0	0	2123	149093
NAGPUR	0	0	0	0	0	1850	3430	1687	15420	2048	6250	0	0	0	0	0	0	0	0	0	0	0	0	0	1862	25100
PATNA	0	0	0	0	0	0	0	0	2131	305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2131	305
RAIPUR	0	0	0	0	0	5021	1123	2932	629	2545	0	2650	0	0	0	0	0	0	0	0	0	0	0	0	3287	1752
RANCHI	0	0	0	0	0	2300	51	2004	1351	1812	1075	0	0	0	0	0	0	0	0	0	0	0	0	0	2039	2477
SHIMLA	0	0	0	0	0	3283	14	2942	128	3717	54	5250	13	0	0	0	0	0	0	0	0	0	0	0	3798	209
SRINAGAR	0	0	0	0	0	3845	1370	3531	1705	3396	938	3700	25	0	0	0	0	0	0	0	0	0	0	0	3618	4038
SURAT	0	0	0	0	0	3833	27	2915	547	2095	778	0	0	0	0	0	0	0	0	0	0	0	0	0	2948	1352
TRIVENDRUM	0	0	0	0	0	3311	128	2482	165	3403	78	3250	7	0	0	0	0	0	0	0	0	0	0	0	3112	378



Annual Wholesale Average Price Trend of Mango-2013



Annual Total Arrival Trend of Mango-2013





PAPAYA

Origin	- South Mexico and Costa Rica.
Major Producing States	- Andhra Pradesh, Gujarat, Karnataka, West Bengal, Madhya Pradesh & Maharashtra
Latest Production	- 53.82 Lakh Tonnes

Name of Variety

Pusa Delicious

Pusa Dwarf

Pusa Nanha

Co-1

Co-2

Co-3

Co-4

Co-5

Co-6

Coorg honey Dew

Pink Flesh Sweet

Pant-1

Sunrise Solo

Taiwan

IIHR, Bangalore (Hybrid)

Arka Surya

(Sunrise Solo x Pink Flesh Sweet)

Arka Prabhat

(Surya x Local Dwarf)

Recommended Areas

Uttar Pradesh, Bihar, Jharkhand, Uttarakhand, Rajasthan, Himachal Pradesh

Uttar Pradesh, Bihar, Jharkhand, Uttarakhand, Himachal Pradesh

Tripura, Bihar, Jharkhand

Bihar, Jharkhand, Odisha, Uttarakhand, Tamil Nadu, Karnataka, Andhra Pradesh

Tamil Nadu, Himachal Pradesh, Chhattisgarh, Madhya Pradesh, Bihar, Jharkhand, Andhra Pradesh, Rajasthan, Odisha

Tamil Nadu, Karnataka, Maharashtra, Andhra Pradesh, Andhra Pradesh

Tamil Nadu, Karnataka, Maharashtra, Andhra Pradesh, Andhra Pradesh

Tamil Nadu, Andhra Pradesh, Andhra Pradesh

Tamil Nadu, Bihar, Jharkhand, Andhra Pradesh, Andhra Pradesh

All over India

All over India

Uttar Pradesh, Uttarakhand

All over India

All over India

Andhra Pradesh, Karnataka, Tamil Nadu, Kerala

Andhra Pradesh, Tamil Nadu, Karnataka, Kerala

Major Papaya Producing Belts in India

Andhra Pradesh	:	Kadapa, Anantapur, Kurnool, Mahabubnagar, Nizamabad, Khammam
Assam	:	Kamrup, Barpeta, Sonitpur, Nagaon, Chirang, Karbi Anglong, Dima Hasao
Bihar	:	Patna, Gopalganj, Nalanda, Samastipur, Nawada, Jamui
Chhattisgarh	:	Raipur, Gariaband, Baloda Bazar, Mahasamund, Dhamtari, Durg, Rajnandgaon, Balod, Bemetara, Kabirdham (Kawardha), Mungeli, Bilaspur, Janjgir-Champa, Raigarh, Surguja, Korba, Balrampur, Surajpur, Koriya, Jashpur, Bastar (Jagdalpur), Kondagaon, Narayanpur, Dantewada, Sukma, Bijapur, Kanker
Gujarat	:	Sabarkantha, Banaskantha, Bharuch, Vadodara
Himachal Pradesh	:	Mandi (Sunder Nagar), Kangra (Pragpur, Dehra), Solan (Nalagarh), Sirmour (Nahan, Dhaulakuan), Bilaspur (Ghumarwin, Una, Banganga), Hamirpur (Bhota)
Jharkhand	:	Ranchi, Ramgarh, Hazari Bagh, Ghumla, Lohardaga. Khutee
Karnataka	:	Bengaluru (Rural)
Kerala	:	Palakkad
Madhya Pradesh	:	Balaghat, Jabalpur, Narsinghpur, Hoshangabad, Harda, Bhopal, Sehore, Raisen, Guna, Vidisha, Sagar, Damoh, Bhind, Morena, Kukshi, Dhar
Maharashtra	:	Jalgaon, Amravati, Wardha, Nagpur, Yavatmal, Aurangabad, Akola, Buldana, Nasik, Ahmednagar, Pune



Manipur	:	Imphal West, Imphal East, Thoubal, Bishnupur, Churachandpur, Chandel
Meghalaya	:	All districts
Mizoram	:	All districts
Nagaland	:	All districts
Odisha	:	Puri, Cuttak, Balangir, Koraput, Kandhamal
Rajasthan	:	Jaipur, Ajmer, Alwar, Tonk, Banswara, Nagaur, Chittorgarh, Sawai Madhopur, Jhalawar, Kota, Sirohi
Sikkim	:	North Sikkim (Phidang Samdong), East Sikkim (Samdong Ralep, Sirwani, Marchack, Nabin, Aho Bashilakha, Padamchey, Pandey), South Sikkim (Dong, Mellidara, Turuk, Turung), West Sikkim (Gyalshing, Kabirthang, Tharpu, Salley, Arigaon)
Tamil Nadu	:	Coimbatore, Erode, Tirupur
		Tripura South Tripura (Udaipur, Amarpur, Belonia, Sebroom), West Tripura (Boxanagar, Mohanpur, Bishalgar, Sonamura), North Tripura (Panisagar, Kadamtala, Kanchanpur, Kailashaher), Dhalai (Kamalpur, Manu, Gandachera)
Uttar Pradesh	:	Lucknow, Raibareilly, Meerut, Sitapur, Varanasi
Uttarakhand	:	Udham Singh Nagar, Haridwar, Kotdwar
West Bengal	:	24 Parganas (North & South), Jalpaiguri, Mushidabad, Nadia, Hooghly, Bankura, Purulia, Midnapore (West & East), Bardhaman
Advanced Technology	-	High density planting
Pre-cooling	-	Forced air

Storage Conditions

Temperature	-	10-13°C
Relative Humidity	-	85-90%
Storage Period	-	1-3 weeks
Freezing Point	-	-2 to -1°C
Sensibility to	-	Refrigeration and Ethylene



HARVESTING SEASON OF PAPAYA

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												

*INFORMATION NOT AVAILABLE

ROUND THE YEAR

PEAK SEASON

LEAN SEASON

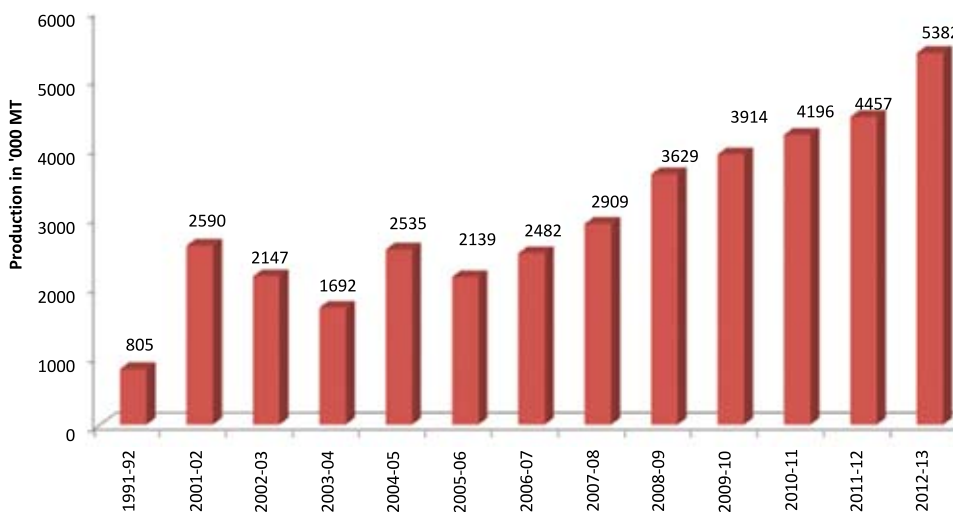
Source : Director of Horticulture / Agriculture of respective State / UT's



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF PAPAYA

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	45.2	1.6	805.3	2.8	17.8
2001-02	73.7	1.8	2590.4	6.0	35.1
2002-03	68.0	1.8	2147.2	4.8	31.6
2003-04	58.2	1.2	1692.1	3.7	29.1
2004-05	73.8	1.5	2535.1	5.1	34.4
2005-06	67.8	1.3	2139.3	3.9	31.6
2006-07	72.0	1.3	2482.0	4.2	34.5
2007-08	83.0	1.4	2909.0	4.4	35.0
2008-09	98.0	1.6	3629.0	5.3	37.0
2009-10	95.7	1.5	3913.5	5.5	40.9
2010-11	106.0	1.7	4196.0	5.6	39.6
2011-12	117.4	1.8	4457.1	5.8	38.0
2012-13	132.2	1.9	5381.7	6.6	40.7

PRODUCTION TREND OF PAPAYA



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF PAPAYA

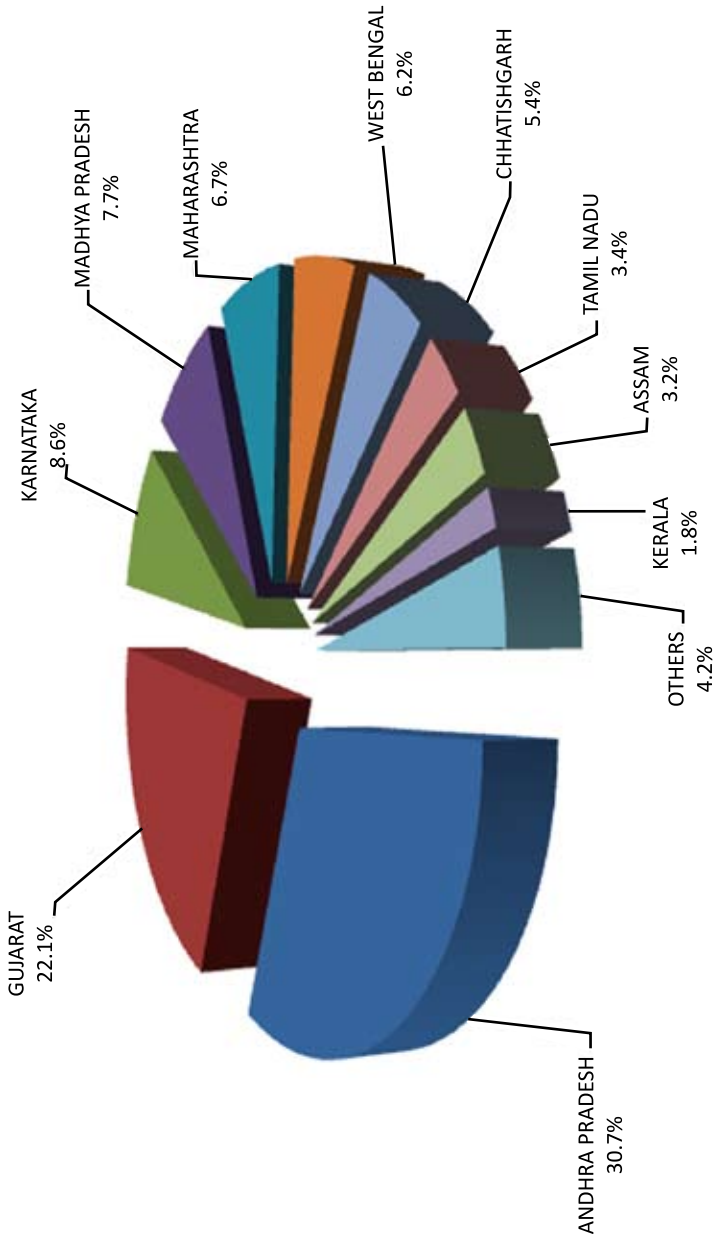
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ANDHRA PRADESH	14.2	1138.4	80.0	14.9	1189.9	79.9	20.65	1651.96	80.0
GUJARAT	17.8	974.0	54.7	18.5	1060.9	57.3	19.54	1189.31	60.9
KARNATAKA	6.1	440.2	71.9	6.1	439.4	72.0	6.60	460.20	69.7
MADHYA PRADESH	2.0	227.0	115.5	10.4	274.9	26.4	12.54	413.00	32.9
MAHARASHTRA	9.0	319.0	35.4	9.0	327.0	36.3	10.00	363.00	36.3
WEST BENGAL	11.1	324.2	29.1	11.2	327.8	29.3	11.30	331.00	29.3
CHHATTISGARH	10.6	247.1	23.3	11.0	288.3	24.4	11.88	289.89	24.4
TAMIL NADU	0.6	105.0	164.1	0.7	109.2	156.0	0.96	184.24	191.9
ASSAM	7.4	134.4	18.2	8.5	167.9	19.8	8.74	174.59	20.0
KERALA	16.2	100.8	6.2	16.0	98.6	6.2	16.46	96.93	5.9
OTHERS	10.5	185.4	17.6	11.1	193.2	17.4	13.52	227.62	16.8
TOTAL	105.6	4195.5	39.7	117.4	4457.1	38.0	132.2	5381.7	40.7

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING PAPAYA PRODUCING STATES (2012-2013)





PINEAPPLE

Origin	-	American continent, probably Brazil and Paraguay
Major Producing State	-	West Bengal, Assam, Tripura, Karnataka, Bihar, Manipur, Meghalaya & Nagaland
Latest Production	-	15.71 Lakh Tonnes
Name of Variety		Recommended Areas
Kew		Tamil Nadu, Karnataka, Assam, Meghalaya, Nagaland, Manipur, Tripura, Mizoram, Sikkim, Arunachal Pradesh, Andaman & Nicobar Islands (Port Blair), Goa, Odisha, Bihar, Jharkhand
Giant Kew		West Bengal, Goa, Meghalaya
Queen		Tripura, Assam, Meghalaya, Karnataka, Tripura, Bihar, Jharkhand, Nagaland, Manipur, Tamil Nadu, Andaman & Nicobar Islands (Port Blair), Arunachal Pradesh, Odisha, Bihar
Mauritius		Kerala, Odisha, Mizoram, Manipur, Tamil Nadu, West Bengal, Goa

Major Pineapple Producing Belts in India

Andaman & Nicobar Island	:	South Andaman, North & Middle Andaman, Nicobar
Arunachal Pradesh	:	Lohit, Tirap, East Kameng, Papum Pare, Upper Subansiri, West Subansiri, West Siang, Upper Siang, East Siang, Lower Dibang Valley, Changlang
Assam	:	Kamrup, Karbi Anglong, Cachar, Dima Hasao, Hailakandi
Bihar	:	Kishnaganj
Goa	:	Ponda, Satary (North Goa)
Jharkhand	:	Ranchi, Pakur, Khutee, Ramgarh
Kerala	:	Ernakulam (Moovatupuzha, Kothamangalam), Kottayam (Kanjirapally, Iratupeta, Kaduthururhi), Idukki (Thodupuzha, Elamdesam)
Karnataka	:	Bijapur, Bellary, Koppal, Bagalkot, Belgaum
Madhya Pradesh	:	Balaghat, Bhopal, Sehore, Raisen, Guna, Vidisha, Sagar, Damoh, Bhind, Morena, Shivpuri, Guna, Ratlam, Ujjain, Dhar, Indore, Dewas, Khargone, Kukshi, Jhabua
Manipur	:	Kangpokpi, Thoubal, Churachandpur, Imphal East, Bishnupur, Chandel
Meghalaya	:	Ri Bhoi, East Khasi, Garo Hills, West Khasi Hills, Jaintia Hills
Mizoram	:	Aizawl (Saitual), Lunglei (Vanlaiphai), Chhimtuipui (Saiha Tuipang), Champhai, North, South and West part of Mizoram, Chhimheipui
Nagaland	:	Mokokchung, Wokha, Kohima, Zunheboto, Dimapur, Mon, Tuengchang, Phek, Kiphire, Longleng, Peren
Odisha	:	Gajapati, Rayagada, Kandhamal, Kalahandi
Sikkim	:	North, West, East & South districts of Sikkim
Tamil Nadu	:	Dindigul, Kanyakumari, Namakkal, Virudhunagar
Tripura	:	South Tripura (Kakraban, Matabari, Ampa), West Tripura (Teliamura, Sonamura, Mohanpur), North Tripura (Nalkatata, Kanchanpur, Pecharthal), Dhalai (Chowmanu, Ambassa)
Uttarakhand	:	Dehradun, Uttarkashi, Bageshwar
West Bengal	:	Darjeeling, Jalpaiguri, Cooch Behar, Uttar Dinajpur, 24 Parganas (North & South), Midnapore (West & East)



Advanced Technology	-	High density planting
Pre-cooling	-	Forced air
Storage conditions		
Temperature	:	7-10° C
Relative Humidity	:	85-95 %
Storage period	:	2-4 week (depending on cultivar & ripening stage)
Freezing point	:	-10° C
Treatment for Quality	-	Pre harvest application of ethephon (500-2000 ppm) at the starting or natural coloring , ensure good fruit quality and in less effective in hot weather.
Sensibility to	-	Refrigeration , Ethylene and Odours



HARVESTING SEASON OF PINEAPPLE

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
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DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												

*INFORMATION NOT AVAILABLE

ROUND THE YEAR

PEAK SEASON

LEAN SEASON

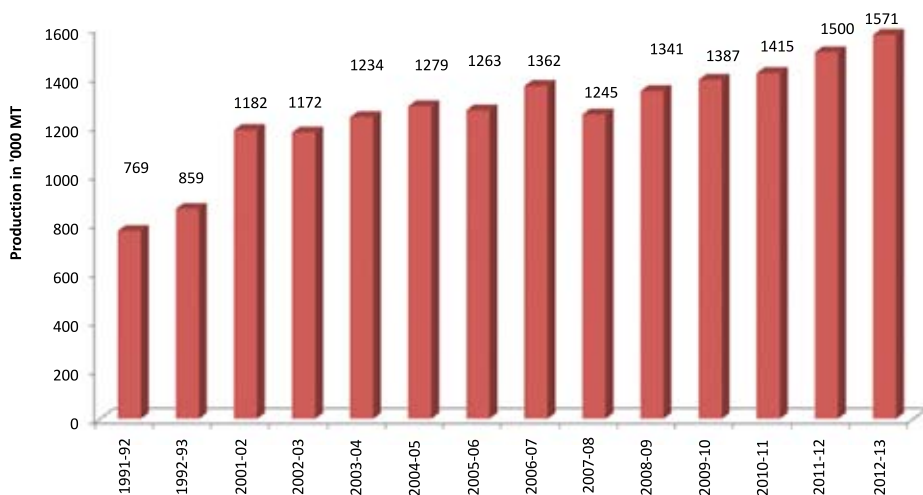
Source : Director of Horticulture / Agriculture of respective State / UT's



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF PINEAPPLE

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	57.1	2.0	768.5	2.7	13.5
2001-02	77.2	1.9	1182.1	2.7	15.3
2002-03	79.8	2.1	1171.7	2.6	14.7
2003-04	80.9	1.7	1234.2	2.7	15.3
2004-05	82.8	1.7	1278.9	2.6	15.4
2005-06	82.4	1.5	1262.6	2.3	15.3
2006-07	87.0	1.6	1362.0	2.3	15.7
2007-08	80.0	1.4	1245.0	1.9	15.6
2008-09	84.0	1.4	1341.0	2.0	16.0
2009-10	91.9	1.5	1386.8	1.9	15.1
2010-11	89.0	1.4	1415.0	1.9	15.9
2011-12	102.4	1.5	1500.0	2.0	14.7
2012-13	105.2	1.5	1570.6	1.9	14.9

PRODUCTION TREND OF PINEAPPLE



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF PINEAPPLE

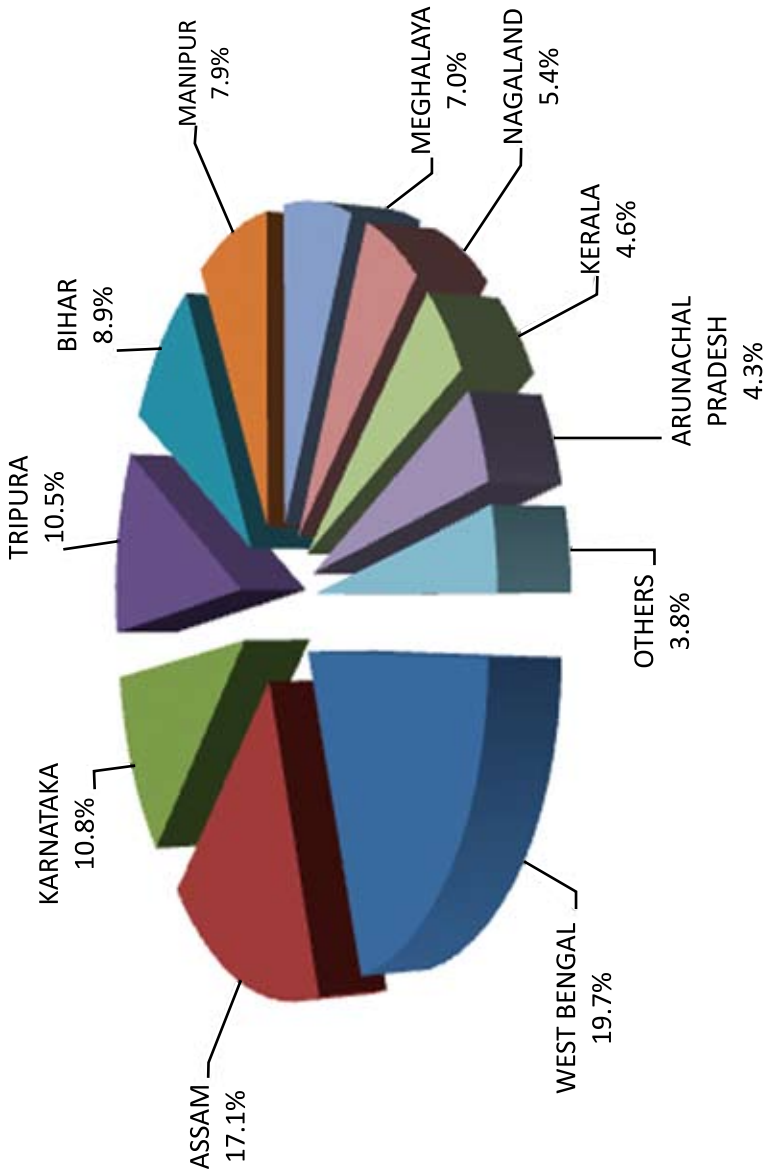
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
WEST BENGAL	9.9	303.7	30.6	10.1	309.9	30.7	10.50	310.00	29.5
ASSAM	14.0	220.7	15.8	14.8	231.4	15.6	16.24	268.82	16.6
KARNATAKA	3.0	186.1	62.0	2.3	133.9	58.2	2.70	169.30	62.7
TRIPURA	6.8	153.3	22.6	11.6	153.7	13.3	11.84	165.01	13.9
BIHAR	4.9	129.4	26.5	4.9	131.9	26.9	5.13	139.22	27.1
MANIPUR	12.2	104.4	8.6	12.6	116.6	9.3	13.06	124.14	9.5
MEGHALAYA	9.7	86.0	8.9	10.6	112.9	10.7	10.82	109.39	10.1
NAGALAND	3.7	57.5	15.5	8.9	100.6	11.3	9.00	85.00	9.4
KERALA	10.2	85.5	8.4	9.8	80.8	8.2	8.54	72.86	8.5
ARUNACHAL PRADESH	10.9	34.4	3.2	11.9	66.8	5.6	12.28	67.58	5.5
OTHERS	3.5	54.5	15.6	4.9	61.5	12.6	5.07	59.27	11.7
TOTAL	88.7	1415.4	15.9	102.4	1500.0	14.7	105.2	1570.6	14.9

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING PINEAPPLE PRODUCING STATES (2012-2013)





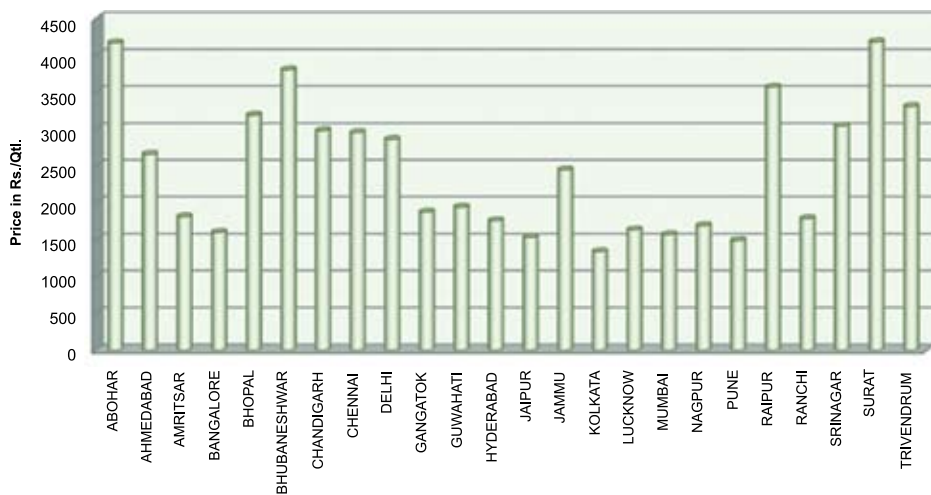
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF PINEAPPLE DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qlt.
Total Arrival in M.T.

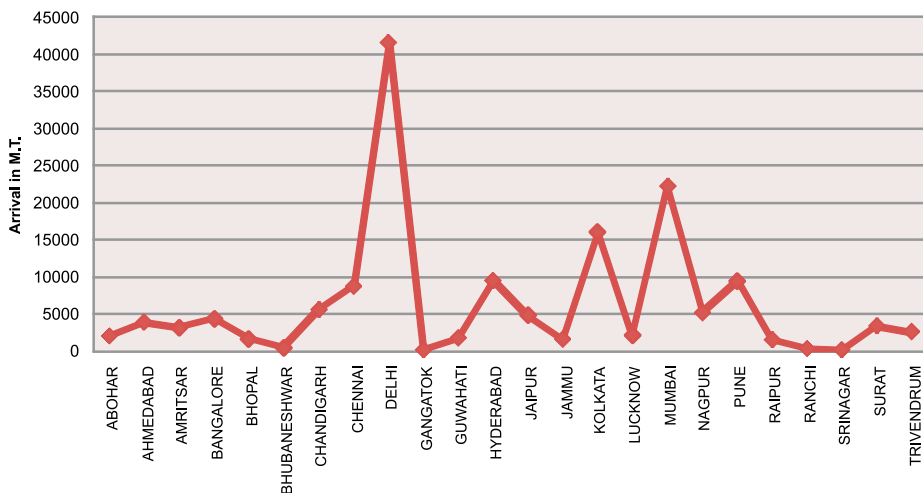
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	
ABO HAR	3334	226	3274	246	3728	166	3901	102	4079	100	4656	75	5450	15	4526	168	4340	344	4240	463	4312	155	0	0	4167	2060	
AHMEDABAD	2234	388	1470	300	1402	273	1715	336	3067	158	3553	234	2759	496	3234	306	3397	286	3281	272	3131	350	2661	558	2659	3957	
AMRITSAR	1675	311	1750	285	1810	258	1682	266	1725	343	1834	320	1883	291	1883	171	1839	162	1967	212	1836	337	1888	269	1814	3225	
BANGALORE	1363	387	1470	360	1531	310	1685	315	1572	360	1292	400	1959	451	1746	370	1848	330	1772	310	1607	390	1394	380	1602	4363	
BHOPAL	3489	139	3288	128	2967	130	3024	84	2316	362	3316	130	3277	48	3678	67	3254	136	3274	113	3200	139	3174	212	3188	1688	
BHUBANESHWAR	3116	34	3427	29	3383	29	4320	27	4450	31	4174	52	3602	72	3631	49	3838	45	3752	38	3787	34	4148	35	3802	475	
CHANDIGARH	2951	411	3121	411	2879	374	3056	359	3443	353	3112	463	2861	504	2764	553	2987	602	2977	481	2760	605	2836	539	2979	5655	
CHENNAI	2892	752	2904	780	2539	744	2569	767	2633	860	2944	813	2981	790	2604	726	3596	654	3432	603	3204	577	3144	717	2954	8783	
DELHI	2244	2487	2835	2217	2831	2788	2896	3890	2936	7644	3410	3148	3190	4964	3008	2551	3264	3208	2679	3712	2696	3027	2344	1908	2861	41544	
GANGATOK	0	0	0	0	0	0	0	0	1944	39	2348	28	2015	26	1683	20	1928	34	1692	37	1524	27	0	0	0	1876	210
GUWAHATI	0	0	0	0	0	2100	8	0	0	0	2415	164	1553	1133	1702	500	0	0	0	0	0	0	0	0	1943	1815	
HYDERABAD	1371	1015	1715	1864	2145	1022	2200	59	0	0	0	0	0	0	1754	1023	1680	1129	1976	1486	1500	941	1492	988	1759	9527	
JAI PUR	1547	281	1379	382	1434	449	1484	396	1617	803	1557	452	1480	624	1809	143	1517	311	1542	342	1647	352	1588	330	1532	4865	
JAMMU	2429	85	2250	89	2267	87	2196	122	2388	127	2448	148	2422	186	2367	123	2340	141	2828	192	2864	190	2771	133	2448	1823	
KOLKATA	1278	1006	1554	690	1505	642	1451	862	1508	724	1863	690	1081	2772	1084	2659	1081	2271	1186	1898	1195	1062	1287	731	1339	16007	
LUCKNOW	1814	124	1879	119	2023	103	1577	177	1608	152	1784	196	1537	288	1489	218	1600	287	1461	208	1476	93	1374	157	1635	2122	
MUMBAI	1624	3299	1657	2077	1678	1168	1663	1391	1529	1142	1498	1322	1450	3009	1500	1317	1654	1608	1250	1392	1736	1951	1584	2554	1569	22230	
NAGPUR	1509	660	1463	363	1292	621	1626	532	2144	418	1967	273	1673	428	1326	616	1478	327	1861	318	2035	399	1922	288	1691	5243	
PUNE	1358	794	1347	745	1446	792	1653	667	1386	721	1368	631	1441	768	1483	780	1615	833	1656	882	1558	932	1576	930	1491	9475	
RAIPUR	3629	88	2982	106	3352	70	3835	89	4073	72	3460	183	2328	384	2675	124	4636	67	4029	96	3865	136	3764	158	3569	1573	
RANCHI	0	0	0	0	0	0	0	0	0	0	0	0	2166	153	1676	174	1817	49	1300	24	0	0	0	0	1787	400	
SHINAGAR	2884	16	0	0	0	0	3460	24	3360	26	3366	22	2923	20	2816	22	2790	24	3688	25	2704	48	2414	7	3041	234	
SURAT	3296	197	2852	307	3491	526	3104	708	3377	357	3284	318	4596	298	4888	142	5627	133	5910	73	4845	187	5120	215	4183	3461	
TRIVENDRUM	3000	289	2908	260	3233	56	2689	273	3158	228	2397	251	0	0	5164	45	4284	222	3492	354	3582	356	2475	324	3307	2658	



Annual Wholesale Average Price Trend of Pineapple-2013



Annual Total Arrival Trend of Pineapple-2013





POMEGRANATE

Origin	-	Iran and adjoining countries
Major Producing States	-	Maharashtra, Karnataka, Gujarat, Andhra Pradesh, Madhya Pradesh, Tamil Nadu & Rajasthan,
Botanical Name	-	Punica Granatum
Latest Production	-	7.45 lakh Tones

Name of Variety

Recommended Areas

Ganesh	Maharashtra, Andhra Pradesh, Gujarat, Tamil Nadu, Uttar Pradesh, Himachal Pradesh
Bhagwa	Maharashtra, Karnataka, Gujarat, Andhra Pradesh, Himachal Pradesh, Uttar Pradesh, Uttarakhand, Gujarat, Rajasthan, Madhya Pradesh
Dholka	Gujarat
G-137	Maharashtra, Andhra Pradesh, Karnataka
Mridula	Maharashtra, Tamil Nadu, Rajasthan
Jyoti	Karnataka, Tamil Nadu, Madhya Pradesh
Jalore Seedless	Rajasthan
Co-1	Tamil Nadu
(Hybrid)	
Ruby	Karnataka, Maharashtra

Major Pomegranate Producing Belts in India

Andhra Pradesh	:	Nellore, Anantapur, Karnool, Mahabubnagar, Medak, Nalgonda
Chhattisgarh	:	Raipur, Baloda Bazar, Durg, Balod, Jajngir-Champa, Bemetara, Bastar (Jagdulpur)
Gujarat	:	Banaskantha, Patan, Kutch
Himachal Pradesh	:	Shimla (Rampur, Kumarsain), Kullu (Bajaura, Sunder Nagar), Sirmour (Rajgarh), Solan (Nauni, Kandaghat)
Karnataka	:	Bijapur, Bellary, Koppal, Bagalkot, Belgaum
Madhya Pradesh	:	Balaghat, Bhopal, Sehore, Raisen, Guna, Vidisha, Sagar, Damoh, Bhind, Morena, Shivpuri, Ratlam, Ujjain, Dhar, Indore, Dewas, Khargone, Kukshi, Jhabua
Maharashtra	:	Nasik, Sangli, Solapur, Satara, Ahmednagar, Buldhana, Beed, Aurangabad, Washim
Rajasthan	:	Jaipur, Ajmer, Alwar, Tonk, Sriganganagar, Kota, Jodhpur, Pali, Jalore, Banswara, Sawai Madhopur, Bhilwara, Jhunjhunu, Sirohi
Tamil Nadu	:	Coimbatore, Dindigul, Namakkal, Tirunelveli
Uttarakhand	:	Dehradun, Uttarkashi, Bageshwar
Uttar Pradesh	:	Lucknow, Jhansi, Varanasi

Advanced Technology	-	
Pre- cooling	-	
Storage conditions		
Temperature	:	11° C
Relative Humidity	:	
Storage period	:	



HARVESTING SEASON OF POMEGRANTE

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
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JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
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WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												

*INFORMATION NOT AVAILABLE

ROUND THE YEAR

PEAK SEASON

LEAN SEASON

Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF POMEGRANATE

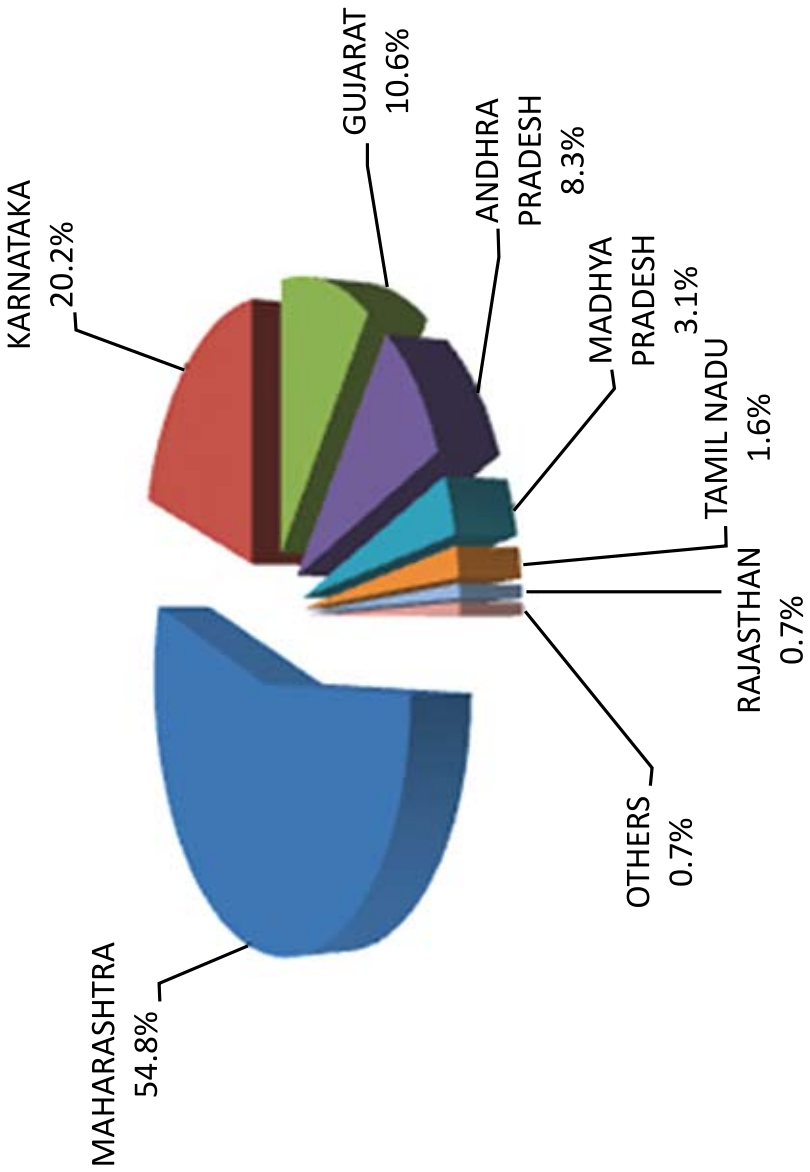
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
MAHARASHTRA	82.0	492.0	6.0	82.0	478.0	5.8	78.00	408.00	5.2
KARNATAKA	13.6	142.6	10.5	15.1	151.7	10.0	15.10	150.30	10.0
GUJARAT	5.8	60.3	10.4	6.2	66.2	10.7	7.40	79.02	10.7
ANDHRA PRADESH	2.8	27.8	10.0	2.9	29.0	10.0	6.20	62.01	10.0
MADHYA PRADESH	0.0	0.0	0.0	2.6	27.5	10.6	2.16	23.00	10.6
TAMIL NADU	0.5	12.7	27.6	0.5	13.2	26.4	0.38	11.90	31.3
RAJASTHAN	0.8	5.5	6.6	0.8	4.7	5.9	1.01	5.50	5.4
OTHERS	1.8	2.2	1.2	2.1	2.1	1.0	3.00	5.23	1.7
TOTAL	107.3	743.1	6.9	112.2	772.4	6.9	113.2	745.0	6.6

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING POMEGRANATE PRODUCING STATES (2012-2013)





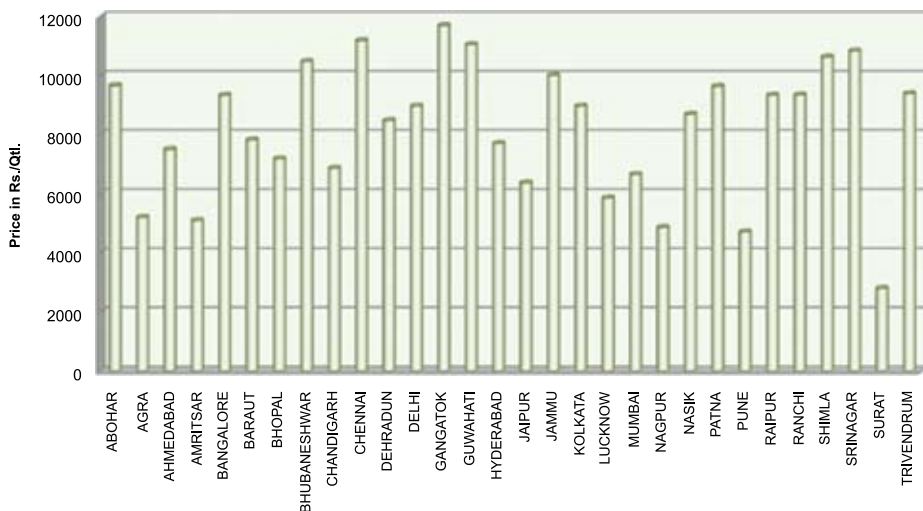
MONTHLY AVERAGE WHOLESALERE PRICE & TOTAL ARRIVAL OF POMEGRANATE DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qn.
Total Arrival in M.T.

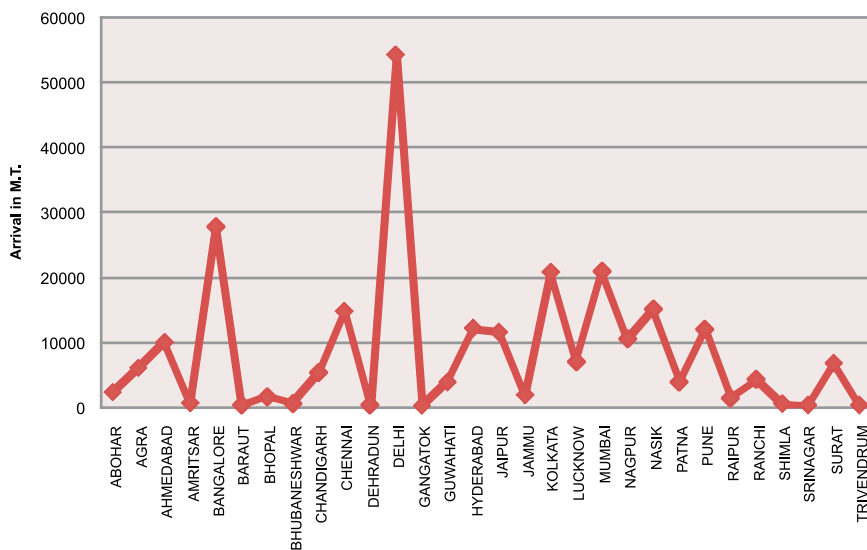
Center name	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual
ABO HAR	9632	195 10295	168 10683	195 10132	145 10084	112 9566	78 12750	8 9236	168 8051	487 8111	588 7738	181 0	0 9662 2325
AGRA	6181	1013 5625	973 4625	1163 4737	1058 5418	837 5152	523 4808	390 5083	118 0	0 0	0 0	0 0	0 5204 6075
AMMEDABAD	7045	839 8113	818 8595	762 8055	434 6917	282 7091	397 7417	999 8498	1314 6285	922 7875	735 8556	1078 7604	1402 7502 9882
AMRITSAR	4749	68 4936	54 4945	56 4924	56 4773	62 0	0 0	0 4945	64 4924	77 5333	66 5294	61 6130	51 5095 615
BANGALORE	8408	2255 10457	1510 10229	1380 9957	1445 11360	1780 9080	1820 9881	2385 7396	4030 8570	3880 9080	2595 9048	2280 8500	2405 9337 27765
BARAULTE	7210	25 7329	24 8571	24 8229	19 9030	27 7470	25 8117	27 7120	23 8030	25 7938	25 7280	25 7570	25 7825 294
BHO PAL	5886	157 6977	165 7738	150 6670	144 7913	137 8150	94 8471	64 7290	99 6552	172 6564	155 7083	150 6802	159 7184 1646
BHUBANESH- WAR	9752	39 10316	38 10748	42 11109	34 10185	48 10309	49 9955	66 9046	59 10602	62 10961	36 11500	34 11348	40 10486 547
CHANDIGARH	7042	488 6422	503 5913	498 6563	271 7089	221 0	0 7452	155 6786	569 6940	701 7073	592 7010	796 7275	594 6870 5368
CHENNAI	8396	1418 11104	1504 11717	1155 12271	1190 12640	1147 11890	1049 11369	1201 9917	1288 11104	1300 11080	1171 11750	1035 11000	1354 11502 14812
DEHRADUN	7342	34 9437	12 10463	7 10125	10 8754	18 8250	16 8422	29 7463	29 7135	38 7736	46 8390	23 8273	16 8483 276
DELHI	7491	3573 10473	2887 9406	3235 8858	3584 8203	4767 9740	3712 8257	6936 7590	6359 8510	6148 9885	5597 9713	4010 9563	3500 8972 54308
GANGATOK	10428	15 12792	9 10375	7 11500	7 13519	7 13880	6 13667	9 11896	15 11520	25 11500	35 9840	37 9440	38 11696 210
GUWAHATI	8361	362 9196	373 10448	228 10385	288 9850	417 10904	263 9347	377 11963	244 11672	266 14638	236 14516	337 11371	481 11054 3872
HYDERABAD	8159	1316 4810	1489 4700	1337 5257	1010 6808	918 8286	759 7458	1083 7500	686 7120	1032 9800	796 11176	939 11400	765 7706 12140
JAIPUR	6178	537 6221	569 6103	752 6171	643 6312	856 6275	787 6005	1800 6267	1470 6256	1651 7028	1119 6283	736 7446	639 6379 11559
JAMMU	9542	148 11104	112 10458	108 10771	114 9838	147 8600	166 9074	203 9429	172 9482	168 10760	187 10340	188 10750	150 10013 1863
KOLKATA	8582	1936 9280	1232 8963	1776 8798	1360 8880	1008 8944	864 8678	2288 8356	2086 8708	2528 9883	2048 8868	2128 9730	1549 8972 20813
LUCKNOW	5827	621 5509	636 6552	474 6281	582 4729	768 4588	487 5381	634 6458	758 6481	645 6770	592 5780	506 6015	325 5865 7028
MUMBAI	7440	2064 8239	1816 7826	1459 7396	1208 7881	737 7104	1367 5288	2749 5226	2590 5400	1443 6288	1586 6400	1910 5340	1926 6652 10855
NAGPUR	5465	245 4725	479 4475	560 4840	780 5135	692 4300	421 5008	766 4179	575 4400	1956 5091	3356 4935	380 5870	291 4869 10501
NASIK	7970	709 10405	351 9110	905 8835	791 8576	578 8941	479 8208	1741 7623	3678 7438	3127 9778	840 8710	640 8707	1205 8692 15044
PATNA	8191	184 9992	214 9813	225 9511	305 8670	365 9294	345 9514	605 9253	580 9530	355 11080	251 10020	291 10814	200 9639 3930
PUNE	3555	1492 4348	1415 4711	1020 5048	429 5743	420 4948	614 5398	799 4642	1155 4635	1020 4393	1030 4905	1185 4262	1408 4716 11987
RAMPUR	8514	118 10727	111 9571	100 9491	103 8827	74 9385	81 9012	141 8335	132 8708	159 9808	126 9604	134 10096	136 9340 1415
RANCHI	9533	317 9974	285 9917	366 8925	412 9380	370 9382	322 9188	420 8896	371 8643	377 9781	263 9053	364 9512	401 9350 4248
SHIMLA	10467	43 12261	43 12729	24 12000	24 9924	50 14714	32 11150	27 11875	46 8458	43 7702	58 8432	54 7876	29 10632 473
SHINAGAR	10325	29 10789	18 11158	24 11200	25 11327	22 10750	32 10750	10 11268	22 10588	24 9356	25 10867	24 10461	23 10838 265
SURAT	1888	843 2148	958 2391	678 2224	717 2510	498 3016	330 2778	311 2817	374 2877	442 3731	329 3815	527 3480	743 2806 6750
TRIVENDRUM	8172	41 11276	23 10711	21 10116	21 9247	25 8900	17 8550	26 8244	22 10176	31 9181	28 9050	23 9130	23 9396 301



Annual Wholesale Average Price Trend of Pomegranate-2013



Annual Total Arrival Trend of Pomegranate-2013





SAPOTA

Origin	-	Tropical America
Major Producing State	-	Karnataka, Gujarat, Andhra Pradesh, Maharashtra and Orissa & West Bengal
Latest Production	-	14.95 Lakh Tonnes

Name of Variety

Recommended Areas

Kalipatti	Maharashtra, Gujarat, Karnataka, Odisha, West Bengal, Madhya Pradesh, Chhattisgarh, Tamil Nadu
Dhola Diwani	Maharashtra, Gujarat
Cricket Ball	Tamil Nadu, Maharashtra, West Bengal, Andhra Pradesh, Karnataka, Haryana, Gujarat, Odisha, West Bengal, Madhya Pradesh, Chhattisgarh
Calcutta round	West Bengal, Odisha
Baramasi	West Bengal
Pala	Andhra Pradesh, Tamil Nadu
Kirthabharti	Andhra Pradesh, Tamil Nadu

Major Sapota Producing Belts in India

Andhra Pradesh	:	Kadapa, Anantapur, Kurnool
Chhattisgarh	:	Raipur, Durg, Bastar (Jagdalpur), Kondagaon, Baloda Bazar
Gujarat	:	Valsad, Navsari
Haryana	:	Yamuna Nagar, Ambala, Panchkula, Kurukshetra, Karnal
Karnataka	:	Kolar, Bengaluru, Belgaum, Gulbarga, Chickmagalore, Bellary
Madhya Pradesh	:	Balaghat, Chhatarpur, Datia, Tikamgarh, Panna, Shivpuri, Guna, Ratlam, Ujjain, Jhabua, Dhar, Indore, Dewas, Khargone, Kukshi
Maharashtra	:	Thane, Pune, Ahmednagar
Odisha	:	Balasore, Bhadrak
Tamil Nadu	:	Coimbatore, Dharmapuri, Dindigul, Krishnagiri, Madurai, Namakkal, Salem, Theni, Tirupur, Tirunelveli, Vellore, Virudhunagar
West Bengal	:	24 Parganas (South), Midnapore (East)
Advanced Technology	-	Softwood grafting
Pre- Cooling	-	Forced Air
Storage conditions		
Temperature	:	15-200 C
Relative Humidity	:	85-90 %
Storage Period	:	2-3 Weeks
Treatment for Quality	-	Treating Fruit with GA3 at 75 PPM for 3 minutes and stored in 100 gauge polythene with 1.2% vents.
Sensibility to	-	Refrigeration, Ethylene & Odours



राष्ट्रीय बागवानी बोर्ड
National Horticulture Board

HARVESTING SEASON OF SAPOTA

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF SAPOTA

YEAR	AREA (IN '000 HA)	%OF TOTAL FRT.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL FRT.PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	27.2	0.9	396.2	1.4	14.6
2001-02	52.0	1.3	593.5	1.4	11.4
2002-03	84.2	2.2	913.1	2.0	10.8
2003-04	120.6	2.6	921.3	2.0	7.6
2004-05	134.1	2.7	1076.5	2.2	8.0
2005-06	139.7	2.6	1114.0	2.0	8.0
2006-07	149.0	2.7	1216.0	2.0	8.2
2007-08	152.0	2.6	1258.0	1.9	8.3
2008-09	156.0	2.6	1308.0	1.9	8.4
2009-10	158.9	2.5	1346.8	1.9	8.5
2010-11	160.0	2.5	1424.0	1.9	8.9
2011-12	163.4	2.4	1425.8	1.9	8.7
2012-13	163.9	2.3	1495.0	1.8	9.1

PRODUCTION TREND OF SAPOTA



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF SAPOTA

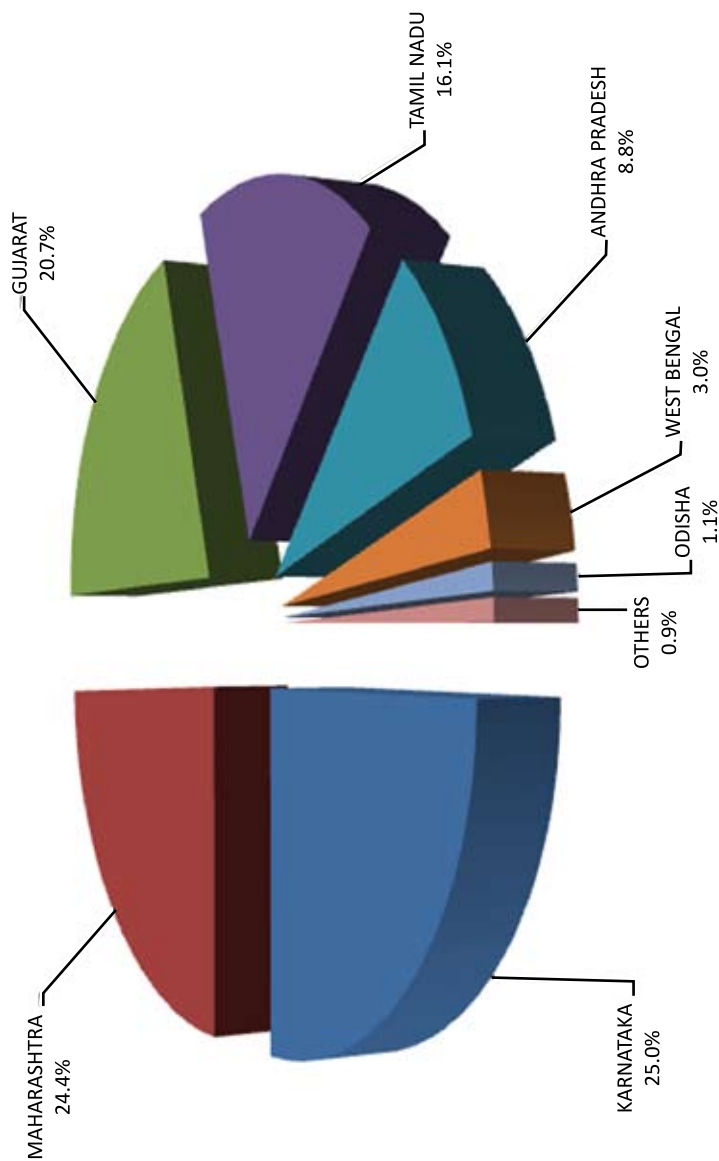
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
KARNATAKA	30.8	377.8	12.3	30.6	377.3	12.3	31.70	373.30	11.8
MAHARASHTRA	70.0	322.0	4.6	73.0	298.0	4.1	73.00	365.00	5.0
GUJARAT	28.8	288.0	10.0	28.8	308.7	10.7	28.80	309.90	10.8
TAMIL NADU	9.0	242.3	27.0	8.8	244.4	27.8	7.59	240.36	31.7
ANDHRA PRADESH	12.2	122.1	10.0	12.8	127.6	10.0	13.18	131.77	10.0
WEST BENGAL	4.0	43.6	10.9	4.1	43.6	10.6	4.15	44.80	10.8
ODISHA	3.4	17.0	5.1	3.4	15.9	4.7	3.37	15.94	4.7
OTHERS	1.9	11.3	6.0	1.9	10.3	5.6	2.10	13.97	6.7
TOTAL	160.0	1424.1	8.9	163.4	1425.8	8.7	163.9	1495.0	9.1

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING SAPOTA PRODUCING STATES (2012-2013)

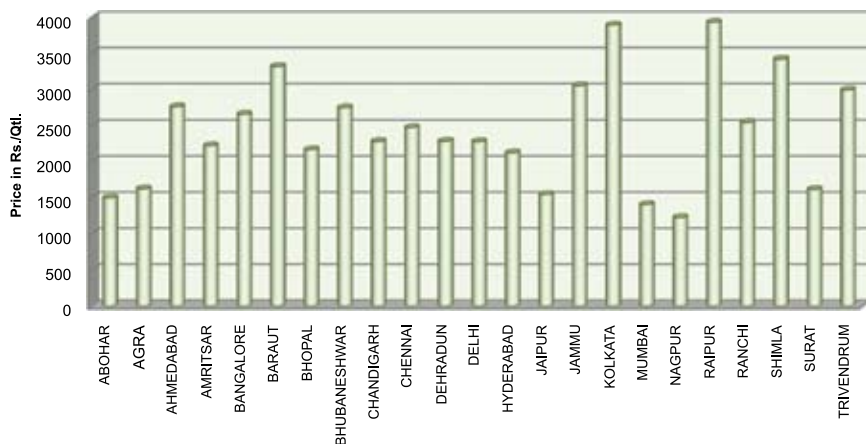


MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF SAPOTA DURING THE PERIOD OF JANUARY TO DECEMBER-2013

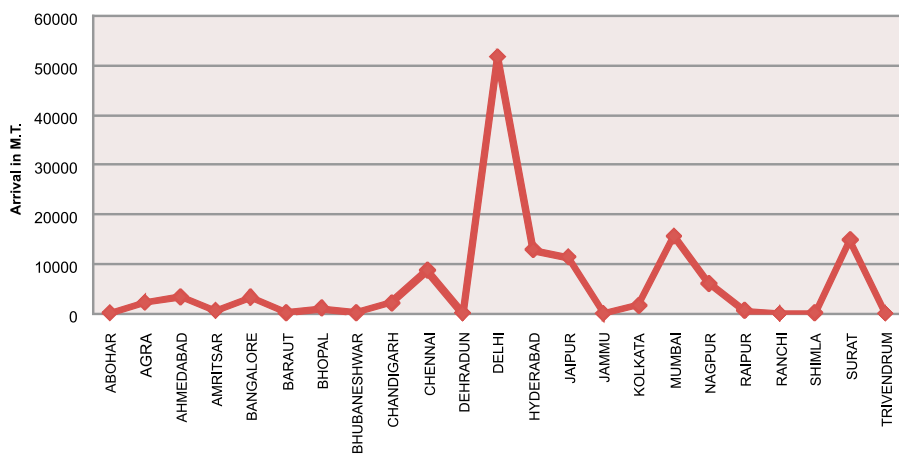
Average wholesale price in Rs./Qtl.
Total Arrival in M.T.

Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	
ABO HAR	1602	59	1539	56	1454	68	1470	30	1446	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1502	225
AGRA	1305	1096	1554	638	1595	471	2055	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1627	2341
AHMEDABAD	2436	457	2452	465	2425	392	2189	298	2058	232	1238	212	3545	267	3450	216	3294	254	3234	212	3969	90	2875	328	2764	3423	
AMRITSAR	1927	211	2316	109	1975	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2680	218	2225	641
BANGALORE	2660	256	2552	256	2317	269	2398	245	2730	263	2422	291	2937	327	2823	293	2770	298	2940	285	2700	256	2690	284	2662	3323	
BARAUT	2530	32	2625	31	2692	40	2424	37	3281	32	3546	25	4046	27	4700	6	0	0	0	0	0	0	0	4050	25	3322	255
BHOPAL	2141	152	2456	185	1317	184	1518	156	1579	171	2490	128	2953	17	0	0	0	0	0	0	0	0	0	2904	173	2170	1166
BHUBANESHWAR	2574	38	2539	30	2527	18	3193	24	2726	31	2754	30	2868	29	0	0	0	0	0	0	2807	16	2776	36	2752	252	
CHANDIGARH	2238	520	2325	456	2180	497	2368	169	0	0	0	0	0	0	0	0	0	0	0	0	2242	255	2348	333	2284	2230	
CHENNAI	1954	799	2196	763	2302	855	2308	783	2408	879	2328	851	2500	838	2292	789	2800	587	3240	519	2792	441	2612	636	2478	8740	
DEHRADUN	2594	66	2673	42	2578	34	1300	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2286	157	
DELHI	1473	11787	1747	6491	1521	6166	1313	5356	1433	5309	1690	2087	3313	316	3246	501	3024	4308	3325	1028	2927	2489	2385	5901	2281	51639	
HYDERABAD	1859	1076	2006	1638	1893	984	2004	1058	2328	1167	2510	1298	2904	906	2333	629	1760	1076	2060	914	2124	1129	1724	986	2125	12871	
JAIPUR	1545	2138	1422	1792	1416	2408	1534	1883	1531	1641	1486	129	0	0	0	0	0	0	0	0	0	0	1909	1426	1549	11417	
JAMMU	2883	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3230	38	3057	107	
KOLKATA	3143	337	3241	300	3452	268	4352	118	4033	197	3586	153	3552	146	3706	25	0	0	0	0	4973	24	4926	163	3896	1731	
MUMBAI	1468	2599	1274	1259	1391	909	1481	1291	1367	983	1223	1278	1217	1948	1383	574	1154	1272	1780	859	1348	1142	1812	1583	1408	15697	
NAGPUR	974	1530	1058	824	1208	549	1072	548	1031	307	1046	326	1330	230	1319	249	1164	314	1245	387	1625	468	1678	318	1229	6050	
RAIPUR	3271	121	3232	80	3405	66	3404	45	3491	38	3535	50	3527	12	4540	26	4444	37	4892	38	4730	56	4752	100	3935	669	
RANCHI	2572	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2523	69	2548	120	
SHIMLA	3204	47	3361	35	3173	26	3648	57	3378	13	0	0	0	0	0	0	0	0	0	0	0	0	3765	20	3422	198	
SURAT	1094	1455	1011	1680	952	1596	1071	1450	1002	1665	1116	1190	2343	834	2152	1140	1900	938	2452	768	2305	986	2010	1173	1617	14875	
TRIVENDRUM	2919	9	2647	9	2885	13	3080	5	0	0	0	0	2803	10	2953	9	3230	31	2919	15	2955	14	3373	14	2996	127	

Annual Wholesale Average Price Trend of Sapota-2013



Annual Total Arrival Trend of Sapota-2013





BRINJAL (EGG PLANTS)

Origin	-	India (Asia)
Major Producing State	-	Orissa, Bihar, Karnataka, West Bengal, Andhra Pradesh, Maharashtra and Uttar Pradesh
Latest Production	-	134.44 Lakh Tonnes

Name of Variety

Recommended Areas

IARI, New Delhi	
Pusa Purple Long	Punjab, U.P., Bihar, Rajasthan, Gujarat, Haryana, Delhi, M.P., Maharashtra, Karnataka, Tamil Nadu and Kerala
Pusa Purple Cluster	All over India
Pusa Kranti	Punjab, U.P. and Bihar
Pusa Uttam	Maharashtra and Gujarat
Pusa Bindu	Maharashtra and Gujarat
Pusa Upkar	Punjab, U.P. and Bihar
Pusa Ankur	M.P. and Maharashtra
Pusa Shyamla	Punjab, Uttarakhand and Bihar
DBL-02	Delhi, Punjab and Haryana
Pusa Anupama	Kerala, Tamil Nadu and Karnataka
Pusa Hybrid-5	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P., J&K, M.P., Chhattisgarh, Tamil Nadu, Kerala and Karnataka
Pusa Hybrid-6	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P., J&K, M.P., Chhattisgarh, Tamil Nadu, Kerala, Karnataka and Andhra Pradesh
Pusa Hybrid-9	Gujarat and Maharashtra
DBHL-20	Punjab, Delhi, Uttar Pradesh and Bihar
IIHR, Bengaluru	
Arka Anand	Rajasthan, Gujarat, Haryana, Delhi, M.P., Maharashtra, Karnataka, Tamil Nadu and Kerala
Arka Navneeth	H.P., J&K, Hills of U.P., West Bengal, Assam, Punjab, Tarai region of U.P., Bihar, Jharkhand, Rajasthan, Gujarat, Haryana, Delhi, M.P., Maharashtra, Karnataka, Tamil Nadu and Kerala
Arka Sheel	Karnataka, Tamil Nadu and Kerala
Arka Kusumakar	Punjab, Tarai region of U.P., Bihar, Jharkhand, Rajasthan, Gujarat, Haryana, Delhi, Karnataka, Tamil Nadu and Kerala
Arka Shirish	Karnataka, Tamil Nadu and Kerala
Arka Nidhi	Karnataka, Tamil Nadu and Kerala
Arka Keshav	Karnataka
Arka Neelkanth	Karnataka
IIVR, Varanasi	
Kashi Sandesh	All over India
Kashi Taru	U.P. and Jharkhand
Kashi Prakash	U.P. and Jharkhand



Kashi Komal	All over India
HAU, Hisar	
PH-4	All over India
BR-112	All over India
Hisar Shyamal	All over India
Hisar Pragati	Haryana
Hisar Jamuni	Haryana
HLB-12	Haryana
JAU, Junagadh	
GJB-3	Gujarat
AAU, jorhat, Assam	
JC-1	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura
JC-2	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura
AAU, Anand, Gujarat GBH-1	Punjab, Tarai region of U.P., Bihar, Jharkhand, Rajasthan, Gujarat, Haryana, Delhi, M.P. and Maharashtra
Oblong Brinjal-1	Middle Gujarat
Anand Brinjal Small Round-2	M.P. and Maharashtra G.B.U.A.&T, Pantnagar
Pant Samrat	All over India
Pant Rituraj	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Pant Brinjal Hybrid1	Hills and plains of U.P. and Uttarakhand
MPKY, Rahuri	
Krishna	Maharashtra
Phule Harit	Maharashtra
Phule Arjun	Maharashtra
TANU, Coimbatore	
CO 1	Tamil Nadu
MDU 1	Tamil Nadu
PKM 1	Tamil Nadu
CO 2	Tamil Nadu
KKM 1	Tamil Nadu
COBH 1	Tamil Nadu
PPI 1	Tamil Nadu
COBH 2	Tamil Nadu
PLR (BR) 2	Tamil Nadu
TNAU Brinjal VRM 1	Tamil Nadu
CSAUAT, Kanpur	
Azad B-2	Punjab, Tarai region of U.P., Uttarakhand, Bihar and Jharkhand
Azad B-3	Punjab, Tarai region of U.P., Uttarakhand, Bihar and Jharkhand
Azad B-4	Punjab, Tarai region of U.P., Uttarakhand, Bihar and Jharkhand
Azad Hybrid	Punjab, Tarai region of U.P., Uttarakhand, Bihar and Jharkhand



Major Brinjal Growing Belts in India :

Andhra Pradesh	:	East & West Godavari, Krishna, Guntur, Nellore, Kurnool, Anantapur, Srikakulam, Visakhapatnam
Assam	:	All districts of Assam
Bihar	:	Patna, Nalanda, Bhojpur, Buxar, Rohtas, Kaimur, Gaya, Jehanabad, Nawada, Aurangabad, Saran (Chhapra), Siwan, Gopalganj, East Champaran, West Champaran, Muzaffarpur, Sitamarhi, Vaishali, Bhagalpur, Banka, Munger, Khagaria, Darbhanga, Madhubani, Samastipur, Begusarai, Purnea, Araria, Katihar, Saharsa, Madhepura, Supaul
Chhattisgarh	:	Raipur, Baloda Bazar, Balod, Bilaspur, Gariaband, Durg, Mahasamund, Janjgir-Champa, Jagdalpur, Kabirdham, Raigarh, Surguja, Surajpur, Kondagaon, Korba, Rajnandgaon, Dhamtari, Bemetera, Kanker, Mungeli, Jashpur, Balrampur, Koriya
Gujarat	:	Ahmedabad, Gandhinagar, Dang, Narmada, Patan, Mehsana, Bhavnagar
Haryana	:	Ambala, Yamunanagar, Karnal, Panipat, Sonipat, Rohtak, Gurgaon, Bhiwani, Hisar, Sirsa, Jind, Mewat
Himachal Pradesh	:	Hamirpur, Una, Solan, Kangra, Bilaspur, Kulu
Jharkhand	:	Ranchi (Bundu, Tamar, Mandar, Kanke), Ramgarh, Hazaribagh, Gumla, Dumka, Palamu
Karnataka	:	Kolar, Belgaum, Dharwar, Bijapur, Hassan, Mysore, Tumkur
Kerala	:	Erattupetta (Melukavu, Thidanad, Poonjar Thekkekkara, Thalappalam), Kanjirappally (Koottickal, Mundakkayam, Koruthde, Manimala, Erumely)
Madhya Pradesh	:	Jabalpur, Narsinghpur, Damoh, Sagar, Hoshangabad, Chhattarpur, Satna, Vidisha, Raisen, Barwani, Ratlam, Bhopal, Harda, Ujjain, Dewas, Mandsaur, Rewa
Maharashtra	:	Nagpur, Satara, Solapur, Parbhani, Pune, Sangali, Bhandara, Amravati, Wardha, Chandrapur, Latur, Nashik, Dhule, Beed, Aurangabad
Mizoram	:	Aizawl, Khawzawl, Lunglei, Tuidam
Nagaland	:	Dimapur, Wokha
Odisha	:	Puri (Astaranga, Nimapada, Satyabadi), Jajpur (Panikoili, Barabati, Nischintakoili), Cuttack (Banki, Athgarh, Tigria), Keonjhar (Dhenkikote, Jhumpura), Sambalpur (Padiabahal), Koraput (Narayanpatna, Bandhugaon)
Rajasthan	:	Alwar, Bundi, Dholpur, Ganganagar, Jaipur, Jhalawar, Jodhpur, Sawai Madhopur, Tonk, Ajmer, Baran, Hanumangarh, Kota
Tamil Nadu	:	Dindigul, Coimbatore, Dharmapuri, Salem, Theni, Pudukottai, Vellore, Tiruppur
Tripura	:	Major Part of Tripura
Uttar Pradesh	:	Agra, Meerut, Mainpuri, Kanpur, Lucknow, Gonda, Raebareilly, Hardoi, Banda, Chitrakoot, Mahoba, Firozabad, Bareilly, Etah, Allahabad
Uttarakhand	:	Chamoli, Dehradun, Nainital, Udham Singh Nagar
West Bengal	:	Nadia, Murshidabad, North & South 24 Parganas, Malda, Jalpaiguri, Cooch Behar

Advanced Technology - Use of Hybrid seeds, Drip Irrigation

Storage conditions

Temperature	:	80-120 C
Relative Humidity	:	90-95 %
Storage Period	:	1-2 Weeks
Highest Freezing Point	:	-10°C
Treatment for Quality	-	Integrated Paste Management (IPM)
Sensibility to	-	Refrigeration, Ethylene & Odours

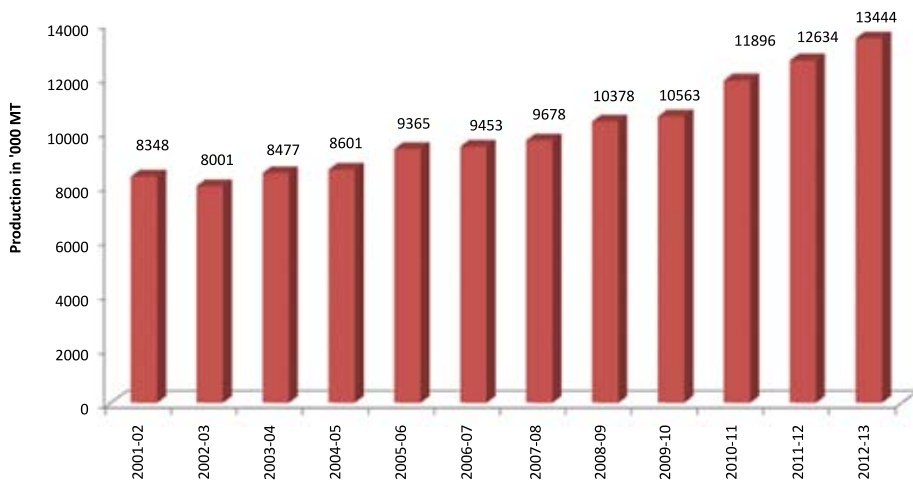
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ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF BRINJAL

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG. AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
2001-02	502.4	8.2	8347.7	9.4	16.6
2002-03	507.3	8.3	8001.2	9.4	15.8
2003-04	516.4	8.2	8477.3	9.1	16.4
2004-05	526.5	7.8	8600.8	8.5	16.3
2005-06	559.7	8.3	9364.6	9.2	16.7
2006-07	568.0	7.5	9453.0	8.2	16.6
2007-08	561.0	7.1	9678.0	7.5	17.3
2008-09	600.0	7.5	10378.0	8.0	17.3
2009-10	612.0	7.7	10563.0	7.9	17.3
2010-11	680.0	8.0	11896.0	8.1	17.5
2011-12	691.5	7.7	12634.1	8.1	18.3
2012-13	722.1	7.8	13443.6	8.3	18.6

PRODUCTION TREND OF BRINJAL



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF BRINJAL

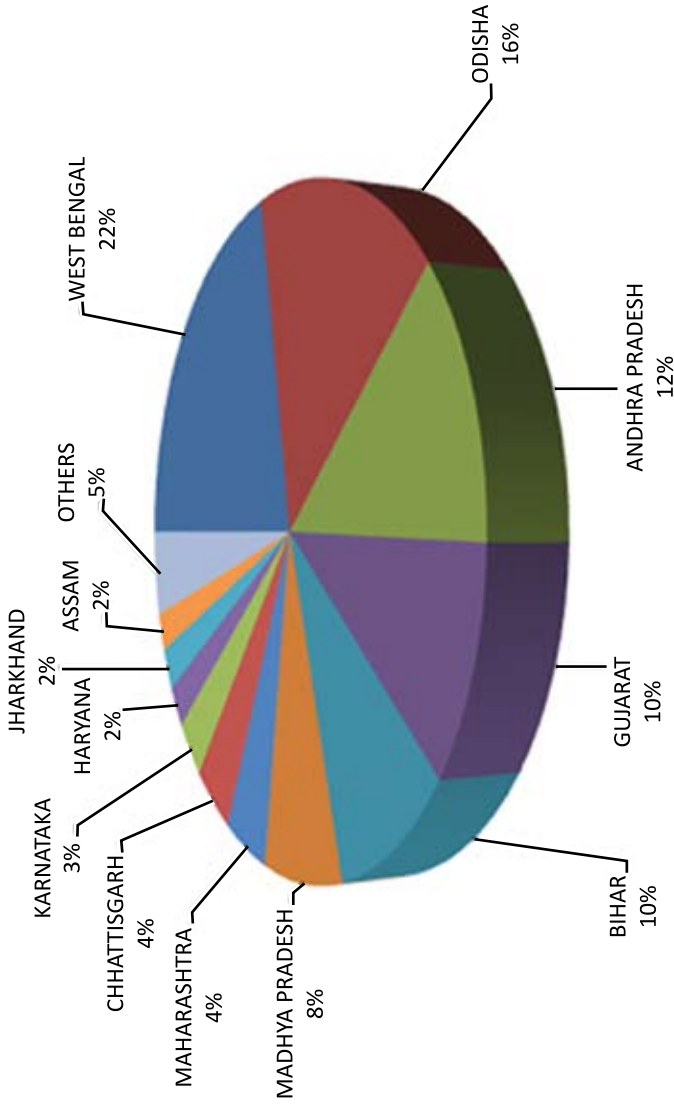
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
WEST BENGAL	158.4	2870.6	18.1	160.2	2945.7	18.4	161.00	2965.60	18.4
ODISHA	133.2	2204.8	16.6	130.1	2186.3	16.8	130.08	2193.72	16.9
ANDHRA PRADESH	75.1	1502.4	20.0	76.3	1524.9	20.0	80.76	1615.25	20.0
GUJARAT	72.0	1236.3	17.2	73.1	1270.6	17.4	76.75	1341.05	17.5
BIHAR	55.7	1215.6	21.8	56.1	1271.5	22.7	56.22	1291.54	23.0
MADHYA PRADESH	23.4	281.0	12.0	30.8	532.5	17.3	40.70	1016.00	25.0
MAHARASHTRA	35.0	490.0	14.0	25.0	525.0	21.0	26.00	578.00	22.2
CHHATISGARH	26.7	439.5	16.5	28.5	502.9	17.6	31.20	545.69	17.5
KARNATAKA	14.2	354.5	25.0	17.1	438.1	25.6	16.10	421.40	26.2
HARYANA	14.6	255.2	17.4	17.8	281.5	15.8	18.29	302.89	16.6
JHARKHAND	16.4	212.6	13.0	22.7	295.0	13.0	24.21	297.14	12.3
ASSAM	16.2	244.2	15.1	16.5	260.1	15.8	16.81	267.94	15.9
OTHERS	39.1	589.2	15.1	37.5	600.0	16.0	43.9	607.4	13.8
TOTAL	680.0	11895.8	17.5	691.6	12634.2	18.3	722.1	13443.6	18.6

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING BRINJAL PRODUCING STATES (2012-13)





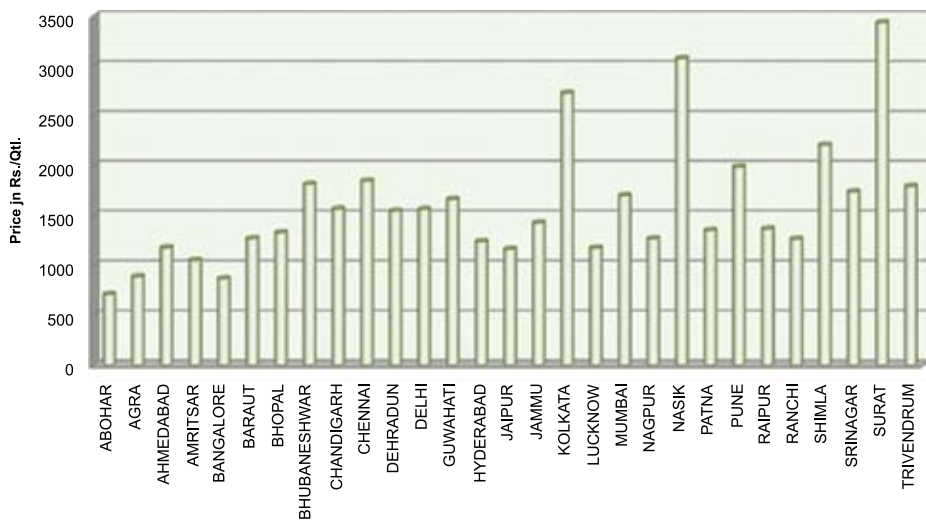
MONTHLY AVERAGE WHOLESALSA PRICE & TOTAL ARRIVAL OF BRINJAL DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qtl.
Total Arrival in M.T.

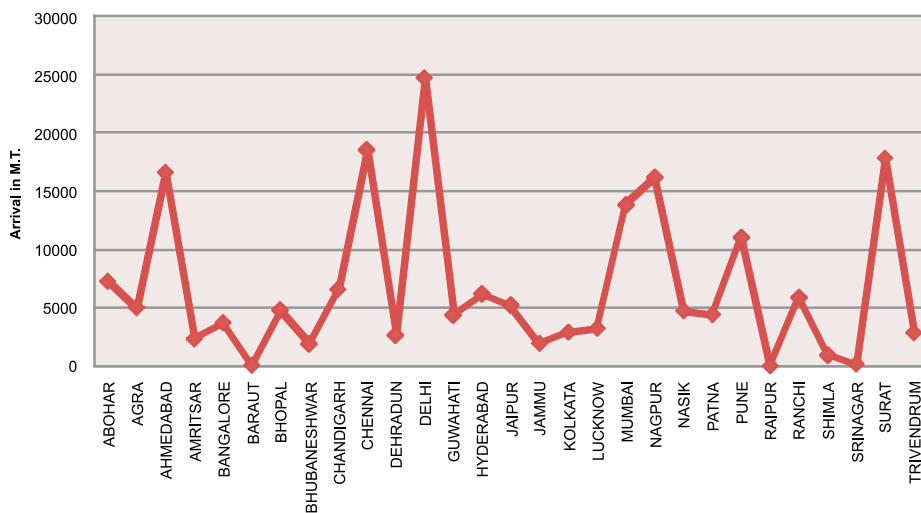
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival			
ABOZHAR	761	472	815	470	995	583	574	702	466	766	473	431	453	73	754	876	908	1137	719	1256	899	487	0	0	711	7263	
AGRA	789	798	998	668	1068	720	649	887	654	968	775	500	1096	343	1067	107	0	0	0	0	0	0	0	0	887	4991	
AMHAMEDABAD	1052	979	868	1287	932	1239	977	808	1355	251	2233	489	1590	1119	1743	1253	766	2275	1894	1319	354	2706	367	2891	1178	16616	
AMRITSAR	658	281	943	159	697	239	692	258	713	361	750	283	1084	170	1390	75	1468	80	1577	70	1620	95	1013	246	1060	2317	
BANGALORE	790	257	670	247	742	244	702	249	785	263	1266	289	1080	365	1127	352	926	460	882	327	907	282	518	365	866	3700	
BARAUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	1270	
BIHAPAL	960	476	1102	295	810	447	495	468	1318	308	1757	150	2056	205	2462	173	1392	472	1500	442	1265	442	830	892	1329	4760	
BHUBANESH- WAR	1498	240	1417	192	1120	331	1272	380	1504	401	2179	164	0	0	3667	8	0	0	0	0	0	1933	14	1745	178	1815	1908
CHANDIGARH	1185	542	1411	462	1359	453	1027	533	1336	538	1675	546	2016	477	2026	462	1923	654	1897	657	1718	547	1210	695	1565	6556	
CHENNAI	1355	1162	1228	1339	1491	1207	1375	1188	1900	1152	2056	1117	2022	5972	2483	997	2088	1083	2024	1137	2470	937	1676	1238	1847	18529	
DEHRADUN	1508	120	1931	95	1526	110	1242	236	1161	248	1202	225	1819	259	2004	182	1866	202	1624	188	1780	297	1093	475	1546	2637	
DELHI	998	1659	1415	2218	1385	3470	1278	2481	1394	1655	1452	1346	2369	1855	2255	2376	1757	2570	1814	1523	1830	1918	808	1617	1563	24688	
GUWAHATI	2200	359	1900	327	1090	446	768	432	983	326	2007	324	1905	291	1704	231	2217	172	2124	218	1868	253	1212	1005	1665	4384	
HYDERABAD	800	60	1479	1591	1218	1941	1000	647	1015	577	1400	146	757	484	2000	66	1000	76	1500	48	1464	532	0	0	1239	6168	
JAIPUR	810	350	1012	400	1046	521	1039	371	824	600	1014	485	1260	380	1614	272	1314	427	1395	427	1613	452	1007	497	1162	5182	
JAMMU	1046	107	1569	69	1667	108	1024	220	748	225	922	159	1915	116	1988	187	1516	267	1902	104	1926	183	898	185	1427	1930	
KOLKATA	1378	426	1262	479	1462	406	0	0	0	0	0	0	0	0	4146	249	3448	397	4641	148	4026	208	1465	578	2729	2891	
LUCKNOW	1356	182	1169	297	1098	231	768	200	1217	183	975	192	1435	279	1185	344	1258	293	1407	215	1430	296	800	507	1175	3219	
MUMBAI	900	1173	691	886	1109	933	1079	874	1791	727	2350	990	2256	1506	3015	623	1856	1408	2728	1363	1616	1688	1010	1662	1700	13832	
MAGPUR	398	1910	416	1480	397	1390	755	1265	1150	1370	995	1055	1843	1240	2583	1030	2221	1300	2071	1080	1886	1260	700	1760	1288	16140	
MASIK	1892	506	1940	880	1728	507	1760	408	2749	188	3328	181	3867	261	6125	170	3572	350	5570	232	2240	377	2331	667	3075	4727	
PATNA	1174	325	977	308	1052	585	631	595	822	298	1126	263	2063	127	1563	215	1447	250	2136	153	2336	290	868	1010	1351	4419	
PUNE	1305	1192	1126	1191	1363	1159	1375	731	1778	652	2395	656	2221	660	4192	629	2286	933	3014	1027	1932	1105	873	1107	1988	11042	
RAIPUR	800	0	829	0	941	0	853	0	1549	0	1140	0	1306	0	2060	0	1480	0	1954	0	2218	0	1260	0	1366	0	
RANCHI	1020	732	1006	530	960	595	812	636	912	350	1015	389	1349	377	1349	307	1126	454	1669	353	2447	527	1509	616	1265	5866	
SHIMLA	1572	52	0	0	0	0	0	0	0	0	1422	72	2807	132	2977	129	2284	156	2251	135	2596	107	1744	134	2207	917	
SHINAGAR	0	0	0	0	0	0	1802	88	1678	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1740	134
SURAT	2242	1658	1804	1825	2516	1600	2248	1630	3673	1425	3936	1190	3704	1723	5133	737	3779	1385	6616	1180	3268	1755	2508	1725	3436	17833	
THIVENDRUM	1265	196	1342	266	2345	222	1661	260	1871	197	1950	150	1788	218	2124	204	1970	292	1948	294	1822	298	1442	263	1794	2860	



Annual Wholesale Average Price Trend of Brinjal-2013



Annual Total Arrival Trend of Brinjal-2013





CABBAGE

Origin	- Cyprus and around the Mediterranean Coast
Major Producing State	- Uttar Pradesh ,Orissa, Bihar, Assam, West Bengal, Maharashtra & Karnataka
Latest Production	- 85.34 Lakh Tonnes

Name of Variety

Recommended Areas

IARI, New Delhi

Pusa Ageti

All over India

Pusa Drum Head

All over India

Golden Acre

All over India

Pusa Mukta

Punjab, U.P., Bihar, W.B. and Assam

KGMR-1

Punjab, U.P., Bihar, H.P. and Uttarakhand

Major Cabbage Growing Belts in India :

Andhra Pradesh	:	Kurnool, Rangareddy, Chittoor, Guntur
Arunachal Pradesh	:	West Kameng, Twang, Lower Subansiri, Kurung Kumey, Upper Siang, Upper Dibang Valley
Assam	:	All districts of Assam
Bihar	:	Patna, Nalanda, Bhojpur, Rohtas, Gaya, Nawada, Aurangabad, Saran, Siwan, Gopalganj, East Champaran, West Champaran, Sitamarhi, Shohar, Vaishali, Bhagalpur, Khagaria, Darbhanga, Madhubani, Samastipur, Begusarai, Purnea, Katihar, Saharsa, Madhepura
Chhattisgarh	:	Gariaband, Baloda Bazar, Mahasamund, Dhamtari, Raipur, Durg, Balod, Bemetara, Jagdalpur, Kondagoan, Kanker, Bilaspur, Jangir-Champa, Korba, Raigarh, Surguja, Surajpur, Koriya, Balrampur
Gujarat	:	Ahmedabad, Anand, Gandhinagar, Dahod, Panchmahal, Patan, Banaskantha, Mehsana, Sabarkantha
Haryana	:	Ambala, Sonapat, Rohtak, Faridabad, Narnaul, Gurgaon, Fatehabad, Sirsa, Jind, Palwal, Yamunanagar, Kurukshetra, Karnal,
Himachal Pradesh	:	Shimla (Theog, Mashobra), Kullu (Kullu, Bajaura, Banjar)
Jharkhand	:	Lohardaga, Ramgarh, Hazaribag, Gumla, Dumka, Palamu, Ranchi (Pithoria, Chutia, Mandar, Ratu)
Karnataka	:	Haveri, Hassan, Bellary, Dakshin Kannada, Chamarajanagar, Chikmagalur, Mandya, Raichur, Bengaluru Rural, Chikkaballapur, Ramanagara, Davanagere, Mysore, Bidar, Kolar, Belgaum, Dharwad
Madhya Pradesh	:	Jabalpur, Sagar, Tikamgarh, Reeva, Satna, Vidisha, Rajgarh, Indore, Dhar, Barwani, Ratlam, Shajapur, Dewas, Bhopal, Baitul, Chhindwara,
Maharashtra	:	Nasik, Pune, Satara, Chandrapur, Nagpur, Ahmednagar, Sangli
Manipur	:	Ukhrul
Meghalaya	:	All districts of Meghalaya
Mizoram	:	Aizawl, Tuidam, Saiha, Kolashib, Serchhip, Khawzawl
Nagaland	:	Kohima, Wokha, Mokochung, Zunheboto, Tuensang, Phek, Mon, Dimapur
Odisha	:	Cuttack (Athgarh, Banki, Baranga), Puri (Nimapara, Astaranga), Sambalpur



		(Kuchinda), Dhenkanal (Kamakshyanagar, Shankarpur), Koraput (Patangi, Semiliguda, Lamtaput, Nandapur)
Punjab	:	Patiala (Sanaur, Nabha, Rajpura, Ghanaur), Fatehgarh Sahib (Khamano, Bassi Pathana)
Rajasthan	:	Ajmer, Alwar, Ganganagar, Jaipur, Tonk, Sikar, Jodhpur, Bundi, Bharatpur, Nagaur, Rajsamand
Sikkim	:	North, East, West & South Districts
Tamil Nadu	:	Krishnagiri, Theni, Nilgiris
Tripura	:	West, South, Dhalai & North Districts
Uttar Pradesh	:	Bulandshahar, Unnao, Mainpuri, Gorakhpur, Meerut, Etah, Agra, Mathura, Aligarh, Faizabad, Lucknow, Gonda, Firozabad, Pratapgarh
Uttarakhand	:	Dehradun, Haridwar, Nainital, Tehri, Champawat
West Bengal	:	Paschim Medinipur, South 24 Parganas, North 24 Parganas, Nadia, Murshidabad
Advanced Technology	-	Use of Hybrid seeds.

Storage conditions

	Frersh (Air)	CA (3%O ₂ +5%Co ₂)
Temperature	: 0° C	0° C
Relative Humidity	: 98-100%	95-98%
Storage Period	: 3-6 Weeks	---
Freezing Point	: -1°C	---
Treatment for Quality	- GA3 (25ppm)	
Sensibility to	- Refrigeration, Ethylene & Odours	



HARVESTING SEASON OF CABBAGE

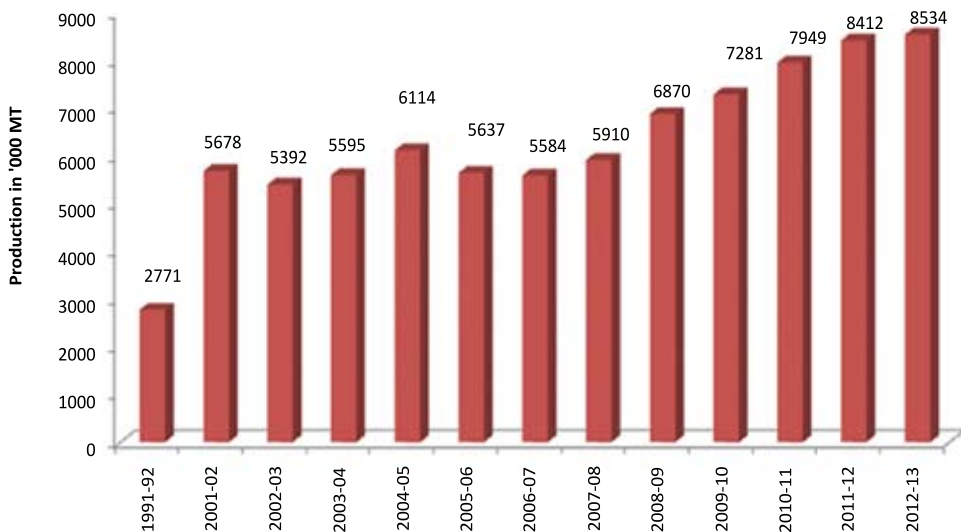
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF CABBAGE

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	177.3	3.2	2771.2	4.7	15.6
2001-02	258.1	4.2	5678.2	6.1	22.0
2002-03	233.8	3.8	5392.0	6.4	23.1
2003-04	255.1	4.0	5594.6	6.0	21.9
2004-05	287.8	4.3	6113.5	6.0	21.2
2005-06	253.5	3.5	5637.3	5.1	22.2
2006-07	249.0	3.3	5584.0	4.9	22.4
2007-08	266.0	3.4	5910.0	4.6	22.2
2008-09	310.0	3.9	6870.0	5.3	22.2
2009-10	331.0	4.1	7281.4	5.4	22.0
2010-11	369.0	4.3	7949.0	5.4	21.5
2011-12	389.6	4.3	8412.1	5.4	21.6
2012-13	372.4	4.0	8534.2	5.3	22.9

PRODUCTION TREND OF CABBAGE



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF CABBAGE

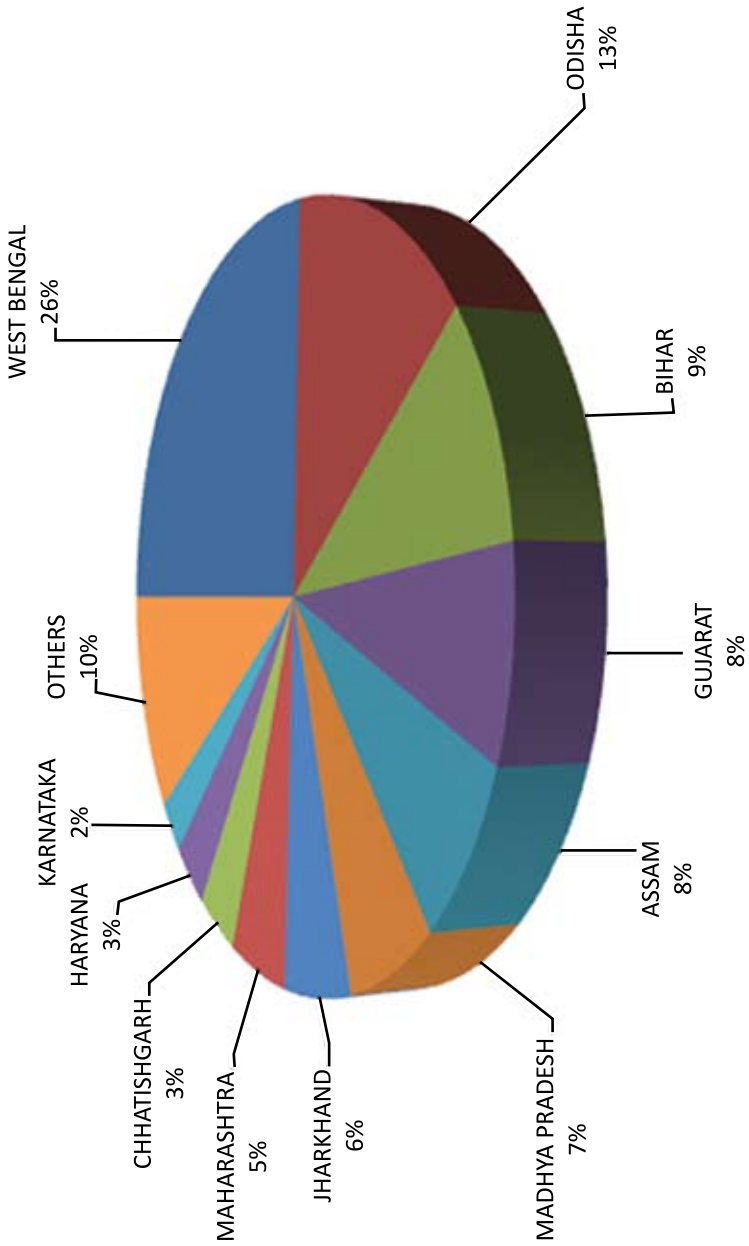
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
WEST BENGAL	75.3	2087.8	27.7	76.8	2149.9	28.0	77.80	2179.20	28.0
ODISHA	41.2	1152.1	28.0	41.5	1162.2	28.0	40.98	1148.21	28.0
BIHAR	39.2	711.1	18.2	39.6	735.0	18.6	39.73	778.55	19.6
GUJARAT	28.2	553.6	19.6	28.2	560.7	19.9	30.92	663.53	21.5
ASSAM	30.7	629.7	20.5	31.0	641.5	20.7	31.57	652.67	20.7
MADHYA PRADESH	9.0	179.5	20.0	19.0	376.3	19.8	19.28	567.00	29.4
JHARKHAND	27.0	451.7	16.7	28.9	477.1	16.5	31.14	480.23	15.4
MAHARASHTRA	18.0	360.0	20.0	19.0	383.0	20.2	20.00	421.00	21.1
CHHATTISGARH	14.7	257.7	17.5	15.5	282.0	18.1	16.55	295.52	17.9
HARYANA	13.8	262.4	19.0	14.1	269.8	19.2	14.81	270.37	18.3
KARNATAKA	9.4	187.2	19.9	9.7	194.7	20.1	9.60	209.90	21.9
OTHERS	62.4	1116.0	17.9	66.4	1179.9	17.8	40.0	868.1	21.7
TOTAL	368.8	7948.9	21.6	389.7	8412.1	21.6	372.4	8534.2	22.9

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING CABBAGE PRODUCING STATES (2012-13)





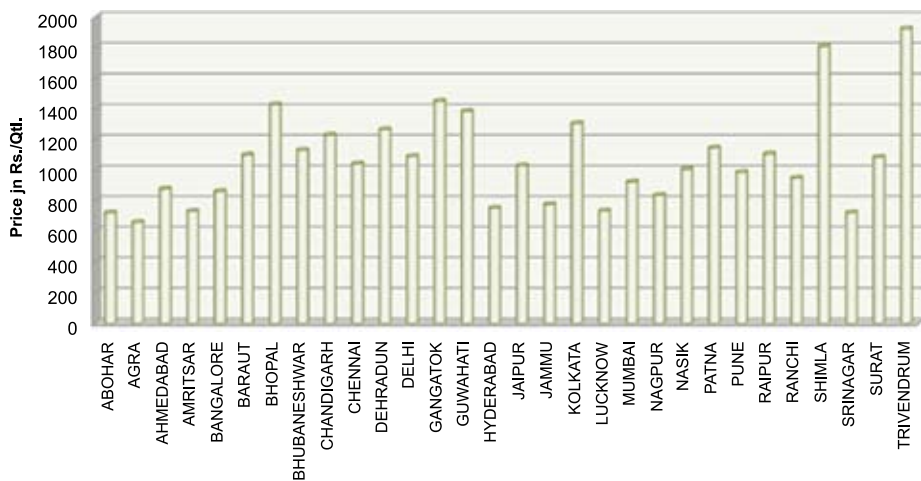
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF CABBAGE DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./001
Total Arrival in MT.

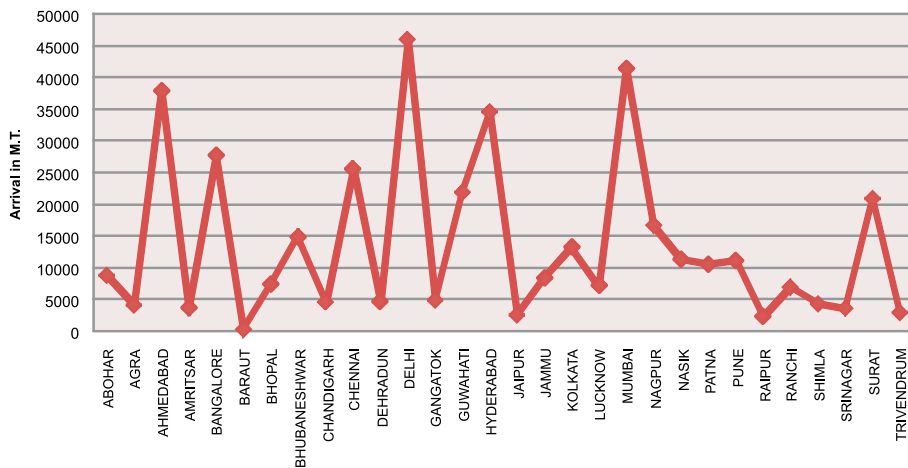
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	
ABOHR	653	980	418	1453	270	1654	303	1103	358	771	389	313	420	63	653	538	645	915	1539	740	2276	303	0	0	721	8813	
AGRA	603	895	576	844	540	1008	667	524	820	452	749	430	0	0	0	0	0	0	0	0	0	0	0	0	659	4153	
AHMEDABAD	302	3483	198	3089	335	2436	505	2219	500	2639	673	3811	1319	3033	1913	2349	966	3567	1566	4170	1483	2435	770	4562	878	37793	
AMRITSAR	345	489	260	706	241	482	254	568	471	372	0	0	0	0	0	0	0	0	1725	235	1724	340	840	436	733	3638	
BANGALORE	408	2239	493	2219	460	2289	502	2212	767	2870	1220	2305	1311	2816	1560	2170	1168	2106	672	2201	1114	1974	655	2240	861	27641	
BARAUT	1238	48	1196	48	1004	69	824	48	900	38	0	0	0	0	0	0	0	0	0	0	0	0	0	1430	36	1099	287
BHOPAL	683	1025	629	845	483	834	450	641	610	664	1382	164	2207	197	3734	165	2172	688	1854	508	2139	429	788	1203	1428	7363	
BHUBANESHWAR	529	1725	550	1380	604	1080	592	750	733	868	1298	877	1545	1330	1658	1385	1608	1300	1785	1190	1827	1410	830	1585	1130	14880	
CHANDIGARH	741	851	609	847	641	826	946	414	0	0	0	0	0	0	0	0	0	0	2281	373	2193	462	1185	827	1228	4600	
CHENNAI	561	2710	622	2780	672	3640	754	2660	912	2244	1356	1684	1404	1783	1463	1627	1338	1662	778	1847	1400	1501	1234	1479	1041	25597	
DEHRADUN	888	454	639	483	505	494	570	512	765	658	908	324	1620	316	2478	207	2102	264	1810	251	2174	289	723	412	1265	4664	
DELHI	418	3831	341	2569	253	1931	283	2173	404	3057	646	5123	1634	4727	2315	3048	1807	4317	2326	3646	1990	6821	670	4635	1091	45878	
GANGATOK	1293	59	833	65	992	77	919	102	1577	64	1392	76	1459	67	1525	50	1856	62	1690	61	1964	61	1892	4082	1449	4825	
GUWAHATI	1161	5641	683	1180	570	1425	504	288	794	370	1845	323	2255	529	1804	523	2138	345	2381	419	1670	623	805	10228	1384	21894	
HYDERABAD	400	1064	917	4169	784	3901	652	3383	572	4049	720	2419	983	1951	1071	1992	884	2182	660	3392	764	3225	632	2744	752	34471	
JAIPUR	603	494	513	445	327	507	0	0	0	0	0	0	0	0	0	0	0	0	2329	123	1868	523	715	480	1029	2572	
JAMMU	583	755	385	890	413	908	417	705	535	469	460	436	748	479	1198	520	1308	719	1010	937	1530	691	723	870	776	8379	
KOLKATA	821	1694	622	1509	589	1009	746	344	833	159	1213	151	1518	1454	1796	1222	1734	1780	1782	1376	2604	810	1399	1705	1305	13213	
LUCKNOW	231	2490	194	2122	317	450	728	49	0	1100	7	0	0	0	0	0	0	0	1283	215	1349	329	673	1498	734	7160	
MUMBAI	518	3569	443	2960	461	2983	479	3003	448	2406	804	2932	1378	4190	1813	2042	1104	4001	1480	3657	1360	4282	782	5300	923	41325	
NAGPUR	257	2150	271	1590	250	1590	287	1240	350	1520	612	950	1557	1060	2355	1180	1238	1240	1203	1250	1131	1350	518	1520	836	16640	
NASIK	691	1628	973	1249	623	1032	716	728	643	547	690	478	1263	458	1863	351	1419	829	1151	900	1120	955	918	2165	1006	11320	
PATNA	358	2145	307	2085	223	2080	528	620	475	268	932	144	1905	122	2254	198	1936	485	2167	449	1842	725	821	1260	1146	10581	
PUNE	551	1237	508	1230	647	1109	673	809	541	779	675	770	1388	709	1887	589	1405	730	1331	732	1537	1050	690	1364	986	11108	
RAIPUR	511	296	590	254	651	176	689	136	868	78	1050	63	1546	102	1940	99	1652	141	1501	200	1478	203	789	583	1105	2331	
RANCHI	431	994	487	849	338	860	339	723	524	280	834	388	1178	204	1402	404	1211	591	1416	386	2111	479	1107	764	948	6922	
SHIMLA	1312	360	1207	416	1248	501	1068	543	1108	325	1266	377	2143	285	2563	191	2287	249	2720	306	3277	177	1492	564	1808	4294	
SRINAGAR	585	382	553	351	481	485	589	398	614	310	422	412	501	180	725	101	1113	130	912	244	1059	193	1116	390	723	3586	
SURAT	520	1540	461	1870	808	1320	858	1560	592	2429	892	1148	1570	1440	2175	1366	1431	1711	1485	1628	1592	1888	631	3150	1085	20850	
TRIVENDRUM	1647	226	1232	281	1232	225	1502	315	1687	288	2263	135	2513	226	3009	121	2702	209	1746	296	1913	312	1621	315	1922	2949	



Annual Wholesale Average Price Trend of Cabbage-2013



Annual Total Arrival Trend of Cabbage-2013





CAULIFLOWER

Origin	-	Cyprus and around the Mediterranean Coast
Major Producing State	-	Bihar, Uttar Pradesh, Orissa, West Bengal, Assam, Haryana & Maharashtra
Latest Production	-	78.87 Lakh Tonnes

Name of Variety

IARI, New Delhi
Pusa Deepali
Improved Japanese
Pusa Shubra
Pusa Early ynthetic
Pusa Paushja
Pusa Meghna
Pusa Sharad
Pusa Shukti
Pusa Snowball K-1
Pusa Snowball KT-25
Pusa Himiyoti
Pusa Hybrid-2
Pusa Kartik Sankar
IIVR, Varanasi
Kashi Kunwari
HAU, Hisar
Hisar-1
G.B.U.A.&T, Pant Nagar
Pant Shubhra
Pant Gobhi-2
Pant Gobhi-3
TANU, Coimbatore
Ooty-1

Recommended Areas

Delhi and Punjab
Punjab, Bihar, U.P., Rajasthan, H.P., J & K, Delhi and West Bengal
Delhi, Punjab, Haryana, U.P. and Bihar
Punjab, U.P., Bihar, Karnataka, Tamil Nadu and Kerala
Punjab, U.P., Uttarakhand and Bihar
NCR
NCR
NCR
All over India
All over India
All over India
West Bengal, Assam, Punjab, U.P., Bihar and Delhi
West Bengal, Assam, Punjab, U.P., Bihar and Jharkhand
Punjab, U.P., Bihar and Jharkhand
All over India
H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Tamil Nadu

Major Cauliflower Growing Belts In India :

Andhra Pradesh	:	Chittoor, Kurnool
Arunachal Pradesh	:	West Kameng, Twang, Lower Subansiri, Kurung Kumey, Upper Siang, Upper Dibang Valley
Assam	:	All districts of Assam
Bihar	:	Patna, Nalanda, Bhojpur, Rohtas, Gaya, Nawada, Aurangabad, Saran, Siwan, Gopalganj, East Champaran, West Champaran, Muzaffarpur, Vaishali, Bhagalpur, Khagaria, Darbhanga, Madhubani, Samastipur, Begusarai, Purnea, Katihar, Saharsa, Madhepura
Chhattisgarh	:	Baloda Bazar, Gariaband, Mahasamund, Dhamtari, Durg, Balod, Bemetara, Kabirdham, Jagdalpur, Kondagaon, Kanker, Raipur, Janjgir-Champa, Bilaspur, Korba, Raigarh, Surguja, Surajpur, Koriya, Balrampur, Narayanpur, Rajnandgaon



Delhi	:	(Rural Area)
Gujarat	:	Ahmedabad, Anand, Gandhinagar, Dahod, Panchmahal, Patan, Banaskantha, Mehsana, Sabarkantha
Haryana	:	Sonipat, Rohtak, Ambala, Kurukshetra, Karnal, Panipat, Faridabad, Gurgaon, Hisar, Fatehabad, Jind, Palwal, Yamunanagar
Himachal Pradesh	:	Solan (Solan, Kandaghat, Kunihar, Dharmpur, Vaknaghat), Shimla (Theog, Mashobra)
Jharkhand	:	Lohardaga, Ramgarh, Hazaribag, Gumla, Dumka, Palamu, Ranchi (Pithoria, Chutia, Mandar, Ratu)
Karnataka	:	Chikkaballapur, Ramanagara, Kolar, Belgaum, Dharwad, Haveri, Hassan, Chamarajanagar, Chikmagalur, Mandya, Raichur, Bengaluru Rural, Davanagere, Mysore, Bidar
Madhya Pradesh	:	Baitul, Chhindwara, Jabalpur, Sagar, Tikamgarh, Reeve, Satna, Vidisha, Rajgarh, Indore, Dhar, Barwani, Ratlam, Shajapur, Dewas, Bhopal
Maharashtra	:	Nashik, Satara, Pune, Nagpur, Ahmadnagar, Chandrapur, Buldhana, Parbhani, Beed
Manipur	:	Tamenlong
Meghalaya	:	All districts of Meghalaya
Mizoram	:	Aizawl, Tuidam, Saiha, Kolashib, Serchhip, Khawzawl
Nagaland	:	Kohima, Wokha, Mokochung, Zunheboto, Tuensang, Phek, Mon, Dimapur
Odisha	:	Jajpur (Chandikhol), Cuttack (Athgarh, Tigiria, Baranga), Puri (Kakatpur, Astaranga), Bolangir (Agalpur, Bongamunda, Titlagarh), Khordha (Balipatna, Baliana)
Punjab	:	Hoshiarpur (Hariana, Bhunga), Gurdaspur (Gurdaspur, Batala, Fatehgarh Churian, Dera Baba Nanak), Fatehgarh Sahib (Bassi Pathana, Sirhind)
Rajasthan	:	Ajmer, Alwar, Tonk, Sikar, Bundi, Bharatpur, Nagaur, Rajsamand, Ganganagar, Jaipur, Jodhpur
Sikkim	:	North, East, West & South Districts
Tripura	:	West, South, Dhalai & North Districts
Uttar Pradesh	:	Agra, Muzaffarpur, Saharanpur, Bulandshahr, Moradabad, Maharajganj, Unnao, Gorakhpur, Kushinagar, Ghaziabad, Mainpuri, Badaun, Aligarh, Meerut, Lucknow, Bareilly
Uttarakhand	:	Dehradun, Haridwar, Nainital, Pithoragarh, Udham Singh Nagar, Almora, Chamoli
West Bengal	:	Paschim Medinipur, Bankura, Nadia, Murshidabad, North & South 24 Parganas

Advanced Technology - Use of Hybrid seeds.

Storage conditions

	Fresh	Frozen
Temperature	: 0° C	-18° C
Relative Humidity	: 95-98%	Vapor-tight packing
Storage Period	: 2-4 Weeks	1 year +
Highest Freezing Point	: -1°C	---
Treatment for Quality	-	Maintain temperature 15°-20°C post curd formation
Sensibility to	-	Freezing & Odours



HARVESTING SEASON OF CAULIFLOWER

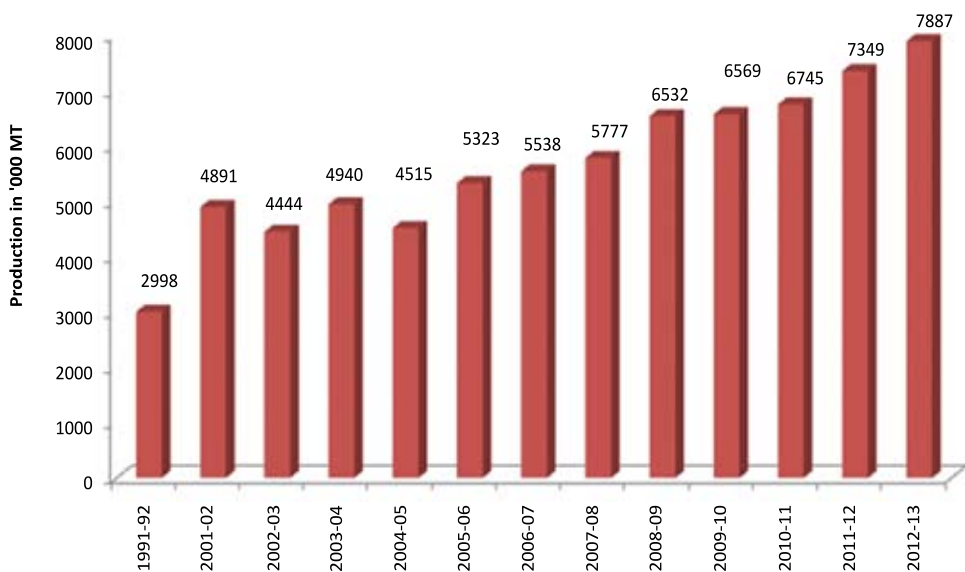
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF CAULIFLOWER

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG. AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	202.8	3.6	2998.1	5.1	14.8
2001-02	269.9	4.4	4890.5	5.2	18.1
2002-03	254.6	4.2	4444.1	5.2	17.5
2003-04	267.9	4.2	4940.2	5.3	18.4
2004-05	238.5	3.5	4514.8	4.5	18.9
2005-06	288.6	4.0	5323.1	4.8	18.4
2006-07	302.0	4.0	5538.0	4.8	18.3
2007-08	312.0	4.0	5777.0	4.5	18.5
2008-09	349.0	4.4	6532.0	5.1	18.7
2009-10	347.9	4.4	6569.0	4.9	18.9
2010-11	369.0	4.3	6745.0	4.6	18.3
2011-12	390.8	4.3	7348.9	4.7	18.8
2012-13	402.2	4.4	7886.7	4.9	19.6

PRODUCTION TREND OF CAULIFLOWER



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF CAULIFLOWER

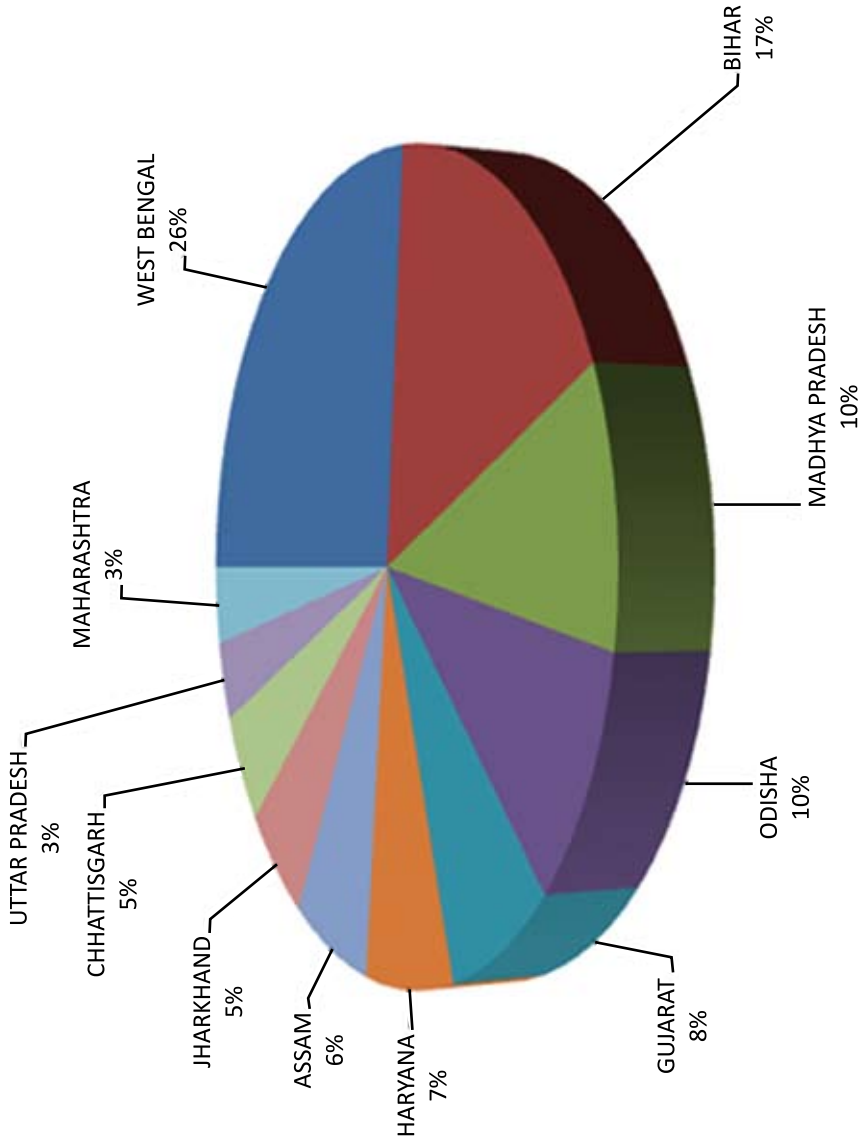
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
WEST BENGAL	70.0	1777.2	25.4	71.4	1821.7	25.5	73.00	1863.00	25.5
BIHAR	62.6	1118.7	17.9	63.0	1155.1	18.3	63.11	1193.73	18.9
M.P.	12.2	195.9	16.0	30.4	576.7	19.0	24.56	690.00	28.1
ODISHA	45.1	677.3	15.0	45.2	682.6	15.1	44.70	675.47	15.1
GUJARAT	21.1	387.4	18.4	21.1	390.2	18.5	28.62	532.28	18.6
HARYANA	30.3	531.9	17.6	30.0	584.3	19.5	30.44	492.26	16.2
ASSAM	20.9	328.8	15.7	21.3	337.4	15.9	21.71	449.25	20.7
JHARKHAND	22.2	355.4	16.0	23.7	378.5	16.0	24.72	381.21	15.4
CHHATTISGARH	18.4	306.0	16.6	18.9	330.0	17.5	19.57	341.99	17.5
U.P.	9.3	188.5	20.3	9.9	205.7	20.8	10.72	240.97	22.5
MAHARASHTRA	12.0	180.0	15.0	10.0	189.0	18.9	11.00	238.00	21.6
OTHERS	44.6	697.8	15.6	46.0	697.8	15.2	50.0	788.6	15.8
TOTAL	368.7	6744.9	18.3	390.8	7348.9	18.8	402.2	7886.7	19.6

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING CAULIFLOWER PRODUCING STATES (2012-13)





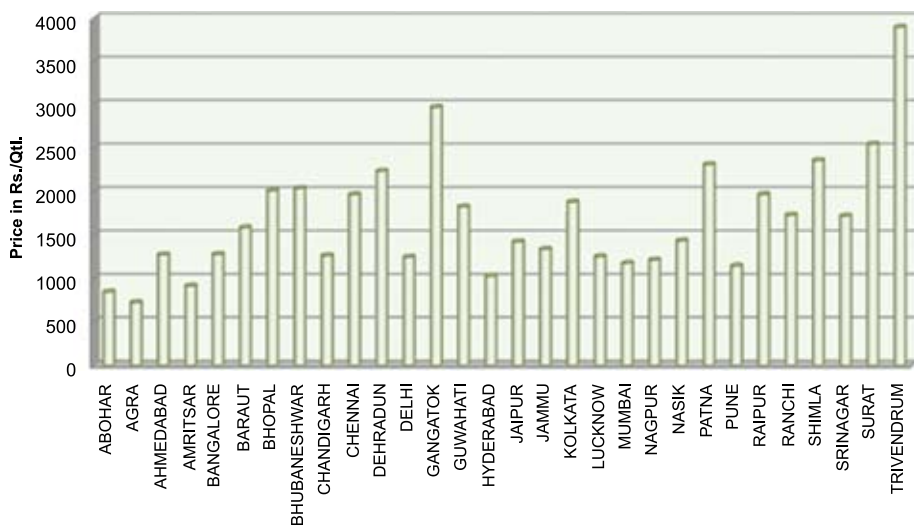
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF CAULIFLOWER DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qt.
Total Arrival in M.T.

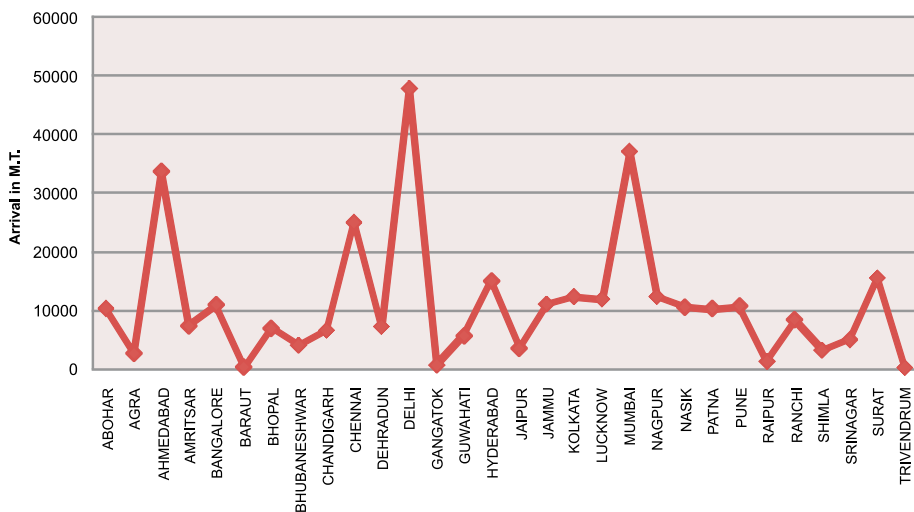
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival			
ABOHR	507	1441	406	1838	421	2064	506	1389	566	921	766	221	945	30	1462	508	1371	601	1162	892	1191	427	0	0	846	10332	
AGRA	626	907	551	917	683	782	1032	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	723	2774	
AMHAMEDABAD	907	3639	335	4826	1089	3415	1130	3254	1498	1122	1631	1040	1300	2760	1673	963	1471	1714	1968	2792	1655	2337	626	5808	1274	33670	
AMRITSAR	802	1138	309	1185	342	938	518	970	0	0	0	0	0	0	0	0	0	0	2025	380	1926	1140	483	1670	915	7421	
BANGALORE	740	995	848	892	854	920	954	910	1425	694	2030	717	1667	1220	1463	1000	1180	1270	1280	908	1521	748	1380	736	1279	11010	
BARAUT	1126	51	1050	52	1013	72	1308	41	1630	10	0	0	0	0	0	0	0	0	0	3493	16	2306	49	770	70	1587	361
BHOPAL	854	682	683	933	892	762	826	622	1694	432	2275	135	2854	361	3826	222	3374	546	3369	565	2552	538	921	1219	2010	7017	
BHUBANESHWAR	1471	683	1172	827	903	778	889	385	1702	169	2871	108	2660	148	2508	164	2698	148	2868	118	3059	182	1633	409	2036	4119	
CHANDIGARH	867	1186	593	1206	696	1028	1011	638	0	0	0	0	0	0	0	0	0	0	0	2646	566	2116	825	916	1267	1264	6696
CHENNAI	1571	2770	1508	3175	1500	4050	1729	2795	2035	1447	2636	1034	2107	1728	1613	2125	1633	1863	2104	1490	2500	1171	2686	1393	1969	25041	
DEHRADUN	1001	1057	739	709	1083	522	1556	510	1796	503	2662	389	3220	367	4084	294	3892	345	3450	439	2745	1051	623	1110	2238	7296	
DELHI	780	5277	529	4574	679	3569	1105	2557	644	4422	1091	4113	1360	3732	1897	3024	1352	5058	2326	3925	2512	3414	686	4163	1247	47828	
GANGATOK	1736	87	1277	81	1350	84	1000	80	3342	61	3544	32	4781	32	4521	24	4804	37	3784	44	3396	56	2148	99	2974	715	
GUWAHATI	1483	1117	738	1477	705	1005	3100	34	0	0	0	0	0	0	0	0	0	0	0	3497	269	2350	580	915	1262	1827	5744
HYDERABAD	600	923	1112	1080	952	829	904	1277	1008	1673	1395	2550	1396	1690	1133	1108	888	969	884	1014	1048	1048	1000	961	1027	15122	
JAIPUR	836	644	742	654	961	469	0	0	0	0	0	0	0	0	0	0	0	0	0	2624	170	2496	656	875	1021	1422	3614
JAMMU	802	1079	475	1307	658	959	552	801	888	397	584	1086	2078	457	2338	429	2114	946	2068	1119	2698	1035	802	1538	1338	11153	
KOLKATA	1307	1755	1321	1704	1135	1222	1327	728	1500	673	2024	413	2406	459	2567	258	2253	718	2352	1276	2868	687	1516	2524	1881	12417	
LUCKNOW	331	2356	296	1599	492	401	933	31	0	0	0	0	0	0	0	0	4102	173	1963	869	1249	2591	852	3967	1252	11987	
MUMBAI	678	4094	441	3138	761	3003	854	3030	959	3032	2012	2336	1398	2656	1671	1549	1448	2395	1980	2319	1250	3972	664	5565	1176	37089	
MAGPUR	700	1320	340	1560	263	1450	386	610	807	1230	1181	814	2141	812	2423	667	1895	1020	1963	950	1467	1070	900	930	1214	12433	
MASIK	972	991	1011	989	919	820	1492	395	2771	356	1933	259	1489	595	1134	1117	1314	1388	1721	715	1344	1135	1125	1848	1435	10608	
PATNA	904	1212	635	1765	761	1380	1589	245	0	0	0	0	0	0	0	0	5750	395	4705	939	2728	1690	1429	2740	2313	10366	
PUNE	654	894	569	1179	763	1000	895	693	922	758	1740	729	1367	647	1558	592	1295	863	1905	898	1521	1091	573	1429	1147	10773	
RAIPUR	1300	148	1048	156	974	115	1139	80	1823	45	2445	42	2540	66	3220	46	2888	85	2404	112	2450	135	1397	371	1969	1401	
RANCHI	956	1564	805	1115	478	1393	482	871	853	260	1879	166	2049	277	2617	412	2304	584	2843	389	3410	484	2089	928	1731	8443	
SHIMLA	1442	309	1250	388	1952	288	1876	379	1520	332	1393	341	3067	109	3219	137	3288	121	3663	123	4108	151	1534	621	2359	3299	
SHRINAGAR	1504	548	1289	485	1383	520	1498	547	1554	563	1265	488	2368	243	2466	132	2321	236	1742	607	1779	333	1483	479	1719	5161	
SURAT	1785	1365	1086	1655	1678	1130	1766	1595	2496	1570	3152	1068	3356	1117	3621	870	2619	1005	3681	1280	3344	1340	2001	1611	2549	15606	
TRIVENDRUM	2685	36	2500	38	3034	24	4557	19	5592	10	4320	14	4025	20	4282	17	3912	31	4160	34	4391	35	3297	27	3896	304	



Annual Wholesale Average Price Trend of Cauliflower-2013



Annual Total Arrival Trend of Cauliflower-2013





OKRA

Origin	- Africa
Major Producing State	- Uttar Pradesh, Bihar, Orissa, West Bengal, Andhra Pradesh Karnataka & Assam,
Latest Production	- 63.50 Lakh Tonnes

Name of Variety

Recommended Areas

IARI, New Delhi	
Pusa Sawani	All over India
Pusa A 4	All over India
Perkins Long Green	All over Hills
IIHR, Bengaluru	
Arka Abhay	West Bengal and Assam
Arka Anamika	All over India
IIVR, Varanasi	
Kashi Pragati	Chhattisgarh, Odisha and A.P.
Kashi Vibhuti	Rajasthan, Gujarat, Haryana and Delhi
Kashi Kranti	Uttar Pradesh, Bihar, Jharkhand and Punjab
HAU, Hisar	
Varsha Uphar	All over India
Hisar Unnat	All over India
Hisar Naveen	All over India
HBH-142 (F1 hybrid)	All over India
AAU, Anand, Gujarat	
Gujarat Anand Okra-5	Middle Gujarat
MPKV, Rahuri	
Phule Utkarsha	Maharashtra
TANU, Coimbatore	
CO 1	Tamil Nadu
CO 2	Tamil Nadu
CO 3	Tamil Nadu
COBhH1	Tamil Nadu
CSAUAT, Kanpur	
Azad Bhindi -1	U.P.
Azad Bhindi-3	U.P.

Major Okra Growing Belts in India :

Andhra Pradesh	:	Adilabad, Anantapur, Chittoor, East Godavari, Guntur, Karimnagar, Krishna, Kurnool, Mahbubnagar, Medak, Nalgonda, Nizamabad, Nellore, Prakasam, Rangareddy, Srikakulam, Visakhapatnam, Vizianagaram, Warangal, West Godavari
Assam	:	Darrand, Nagaon, Sibsagar



Bihar	:	Patna, Nalanda, Bhojpur, Buxar, Rohtas, Gaya, Nawada, Aurangabad, Saran, Siwan, Gopalganj, East Champaran, West Champaran, Muzaffarpur, Sitamarhi, Vaishali, Bhagalpur, Munger, Khagaria, Darbhanga, Madhubani, Samastipur, Begusarai, Purnea, Katihar, Sahara, Madhepura
Chhattisgarh	:	Raipur, Baloda Bazar, Gariaband, Mahasamund, Dhamtari, Durg, Balod, Bemetara, Rajnandgaon, Kabirdham, Jagdalpur, Kondagaon, Kanker, Janjgir-Champa, Bilaspur, Mungeli, Korba, Raigarh, Surguja, Surajpur, Koriya, Balrampur, Narayanpur
Gujarat	:	Ahmedabad, Anand, Gandhinagar, Dang, Narmada, Navsari, Panchmahal, Bharuch, Sabarkantha, Surat, Tapi
Haryana	:	Jind, Mewat Yamunanagar, Hisar, Karnal, Panipat, Ambala, Sonapat, Rohtak, Jhajjar, Faridabad, Narnaul, Gurgaon, Bhiwani, Fatehabad, Sirsa
Karnataka	:	Haveri, Dharwad, Gulburga, Dakshin Kannada, Belguam, Shimoga
Kerala	:	Erattupetta (Melukavu, Thidanad, Poonjar Thekkekara, Thalappalam), Kanjirappally Kootickal, Mundakayam, Koruthodu, Manimala, Erumeli), Vazhoor (Vellavoor)
Madhya Pradesh	:	Jabalpur, Sagar, Hoshangabad, Vidisha, Barwani, Ratlam, Shajapur, Bhopal
Maharashtra	:	Satara, Pune, Solapur, Jalgaon, Thane, Parbhani, Chandrapur, Dhule, Nasik, Sangli
Mizoram	:	Aizawl, Khawzawl, Lunglei, Tuidam
Nagaland	:	Kohima, Wokha, Mokochung, Zunheboto, Tuensang, Phek, Mon, Dimapur
Odisha	:	Jajpur (Bibibati, Rasulpur), Khordha (Balianta, Bolagarh), Cuttack (Narsinghpur, Badamba, Salepur), Puri (Pipil, Satyabadi)
Rajasthan	:	Ajmer, Alwar, Bundi, Dausa, Ganganagar, Jaipur, Pali, Sirohi
Tamil Nadu	:	Dindigul, Coimbatore, Salem, Vellore, Kancheepuram, Dharmapuri
Tripura	:	Major part of Tripura
Uttar Pradesh	:	Agra, Meerut, Lucknow, Unnao, Mainpuri, Jalaun, Rae Bareli, Hardoi, Sitapur, Sultanpur, Kushinagar, Aligarh, Kanpur Nagar, Ghaziabad, Farrukhabad, Gonda, Bahraich, Varanasi, Fetehpur, Bulandshahr
Uttarakhand	:	Dehradun, Udham Singh Nagar, Pithoragarh, Tehri, Nainital, Haridwar, Chamoli
West Bengal	:	Nadia, Murshidabad, North & South 24 Parganas, Bardhaman
Advanced Technology	-	Use of Hybrid seeds.

Storage conditions

	Fresh	Frozen
Temperature	7°-10° C	-18° C to -24°C
Relative Humidity	90-95%	-
Storage Period	7-10 days	5 months – 1 year
Freezing Point	-1°C	---
Treatment for Quality	-	Integrated Paste Management (IPM)
Sensibility to	-	Freezing



HARVESTING SEASON OF OKRA

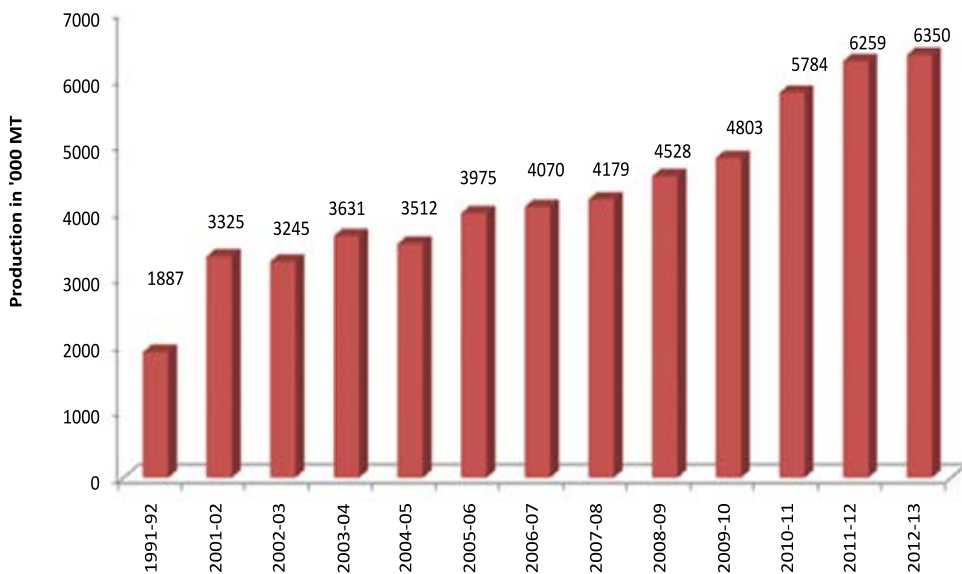
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF OKRA

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG. AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	222.0	4.0	1886.5	3.2	8.5
2001-02	347.2	5.6	3324.7	3.5	9.6
2002-03	329.2	5.4	3244.5	3.8	9.9
2003-04	353.1	5.6	3631.4	3.9	10.3
2004-05	357.3	5.3	3512.4	3.5	9.8
2005-06	391.8	5.5	3974.6	3.6	10.1
2006-07	396.0	5.2	4070.0	3.5	10.3
2007-08	407.0	5.2	4179.0	3.3	10.3
2008-09	432.0	5.4	4528.0	3.5	10.5
2009-10	452.5	5.7	4803.3	3.6	10.6
2010-11	498.0	5.9	5784.0	3.9	11.6
2011-12	518.4	5.8	6259.2	4.0	12.1
2012-13	530.8	5.8	6350.3	3.9	12.0

PRODUCTION TREND OF OKRA



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF OKRA

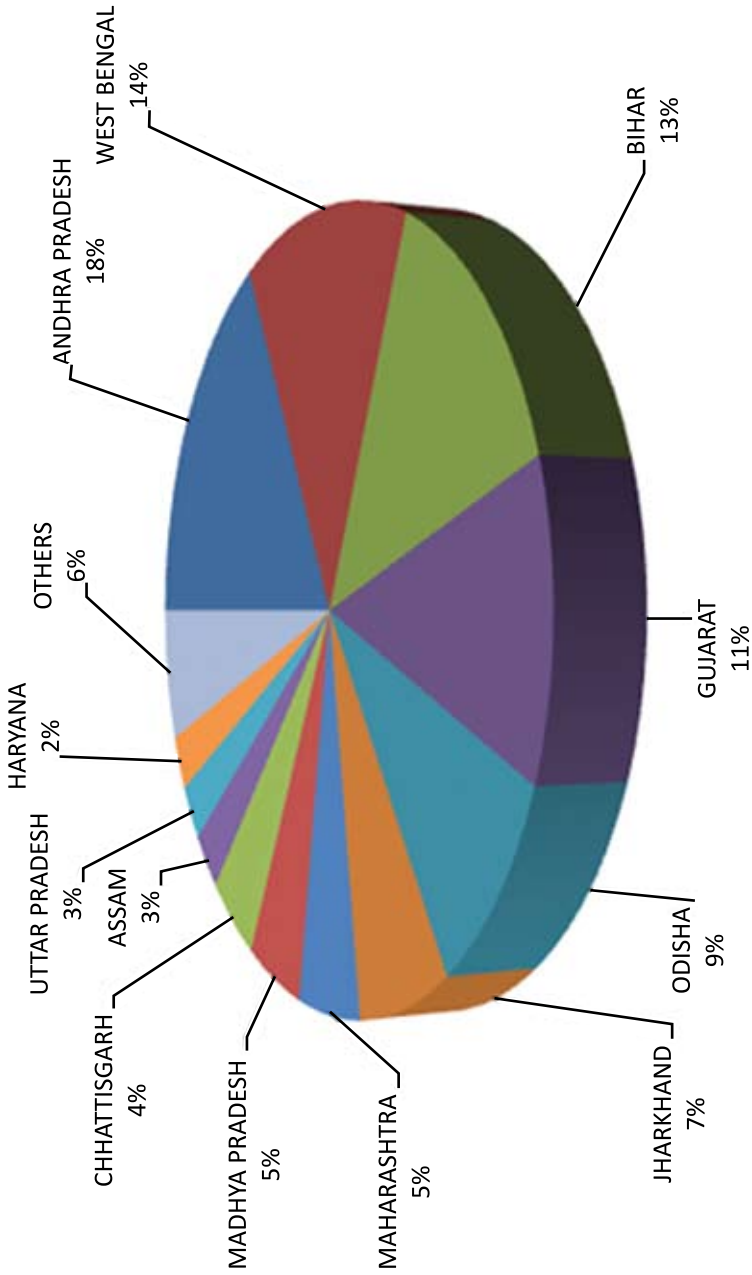
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ANDHRA PRADESH	78.9	1184.2	15.0	80.1	1202.0	15.0	74.25	1113.81	15.0
WEST BENGAL	74.0	862.1	11.6	74.4	863.5	11.6	74.60	869.10	11.7
BIHAR	58.5	788.3	13.5	59.0	825.3	14.0	59.24	854.22	14.4
GUJARAT	54.5	592.5	10.9	65.4	717.3	11.0	65.66	723.33	11.0
ODISHA	70.0	651.8	9.3	67.6	651.8	9.6	67.04	593.93	8.9
JHARKHAND	30.0	421.7	14.1	31.8	444.7	14.0	32.52	447.40	13.8
MAHARASHTRA	19.0	224.0	11.8	21.0	317.0	15.1	22.00	328.00	14.9
MADHYA PRADESH	10.1	60.3	6.0	23.6	310.0	13.1	25.74	297.00	11.5
CHHATTISGARH	25.2	249.1	9.9	25.8	252.2	9.8	26.47	269.18	10.2
ASSAM	11.1	147.8	13.4	11.3	154.4	13.7	11.52	169.11	14.7
UTTAR PRADESH	11.1	128.8	11.6	11.5	136.0	11.8	12.44	159.30	12.8
HARYANA	18.2	145.3	8.0	18.8	139.7	7.4	18.03	154.09	8.5
OTHERS	37.7	328.2	8.7	28.2	245.4	8.7	41.3	371.8	9.0

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING OKRA PRODUCING STATES (2012-13)





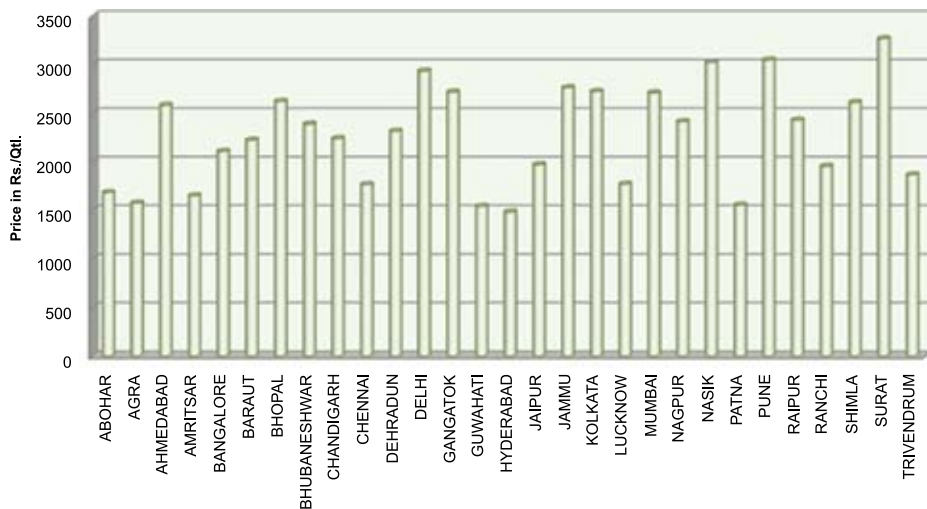
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF OKRA DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qli.
Total Arrival in M. T.

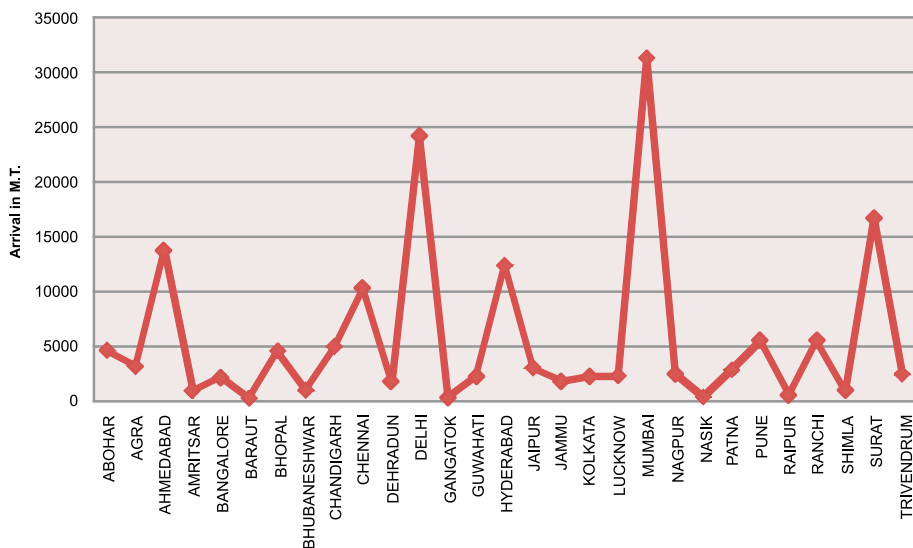
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual		
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	
ABOHRAR	0	0	0	0	0	0	3600	39	2734	485	880	418	1083	110	1127	818	1206	1395	1174	957	1680	333	0	0	1684	4555	
AGRA	0	0	0	0	2525	80	2243	755	1553	780	707	865	1085	509	1342	105	0	0	0	0	0	0	0	0	0	1576	3094
AHMEDABAD	0	0	0	0	4000	43	2934	1692	2520	1468	3294	1631	2910	1795	2172	2025	1123	2139	2289	1574	1995	867	2581	495	2582	13729	
AMRITSAR	0	0	0	0	0	0	3084	83	1752	164	848	254	1016	183	1625	73	1579	121	0	0	0	0	0	0	0	1651	878
BANGALORE	1931	142	2009	137	2350	126	2546	115	2404	127	2346	165	2141	200	2092	257	1784	196	1948	195	2102	170	1646	231	2108	2061	
BARAUT	0	0	0	0	0	0	0	0	2365	42	1766	58	2146	29	2663	23	2178	25	0	0	0	0	0	0	0	2224	177
BHOPAL	3294	69	3029	127	2769	133	2145	323	1220	644	1941	393	2883	456	3428	191	1840	770	3102	410	3272	382	2522	614	2621	4512	
BHUBANESHWAR	2829	33	2789	30	1890	86	863	178	1104	162	2112	43	2068	74	2015	75	2175	81	3110	38	3945	64	3748	59	2387	923	
CHANDIGARH	0	0	0	0	0	0	0	0	2084	761	1803	910	2103	1122	2607	946	2443	784	2401	371	0	0	0	0	0	2240	4894
CHENNAI	1732	892	1712	717	2026	584	2283	617	1735	812	1872	1765	1993	851	1871	746	1392	831	1048	848	1663	767	1858	815	1785	10245	
DEHRADUN	1750	25	0	0	4313	10	3743	28	1697	286	1257	268	1533	368	1623	261	1649	288	1883	145	3697	29	0	0	0	2315	1688
DELHI	3493	1481	3647	2004	4120	4452	3048	2903	1981	3418	1561	2283	1839	2217	2799	1471	2630	1185	2838	1554	3168	440	4086	756	2934	24164	
GANGATOK	0	0	0	0	0	0	3375	5	3315	24	2656	33	3207	25	3333	28	2192	41	1804	46	1848	41	0	0	0	2716	241
GUWAHATI	0	0	0	0	0	0	15	2674	297	1372	489	1150	554	1230	564	1574	268	0	0	0	0	0	0	0	0	1542	2187
HYDERABAD	1553	801	1693	972	1318	1237	1409	1250	1448	1723	1815	699	1308	1122	1550	826	1336	1087	1284	1091	1748	829	1344	931	1484	12368	
JAIPUR	0	0	0	0	0	0	0	0	1279	741	1347	444	1912	431	2055	295	1602	421	2191	336	3408	303	0	0	0	1971	2971
JAMMU	3996	54	3754	65	3733	83	3887	118	1815	249	812	428	1044	241	2343	113	1814	167	2194	98	3004	55	4754	67	2763	1738	
KOLKATA	0	0	0	0	0	0	1767	341	1009	494	1181	320	1533	387	2542	167	2839	230	4205	75	5637	32	0	0	0	2725	2207
LUCKNOW	0	0	0	0	0	0	3384	18	2173	94	1116	575	770	363	1357	351	1270	300	1543	137	2373	77	2529	14	1769	2229	
MUMBAI	2680	2472	2200	3085	2352	3619	2679	3374	2470	1964	3130	2173	2952	2401	2538	1103	2064	2528	3180	2520	2926	3038	3344	3039	2710	31316	
NAGPUR	2877	283	2521	160	2245	274	2210	186	1607	253	1921	121	2775	155	3215	178	2462	236	3195	205	2325	180	1611	210	2414	2441	
NASIK	2935	24	2390	24	2657	24	2860	24	3026	35	2822	25	3646	27	4671	24	3148	31	2930	25	2781	25	2439	25	3025	313	
PATNA	0	0	0	0	0	0	1856	362	582	589	873	480	1482	337	1127	370	1189	370	1989	166	2791	115	2100	3	1554	2792	
PUNE	3455	466	3368	216	2992	441	2915	243	3002	250	3086	391	3995	334	3605	427	2068	607	2366	624	2855	633	2845	844	3048	5476	
RAIPUR	3141	34	3645	25	2821	49	1344	71	1407	50	1670	43	2028	52	2305	26	1710	44	2696	24	3218	22	3172	34	2430	474	
RANCHI	0	0	2948	115	2735	447	1372	629	713	1112	917	556	1074	597	1475	383	1250	541	2555	395	3468	436	2988	257	1955	5478	
SHIMLA	0	0	0	0	0	0	0	0	0	1554	82	1618	137	2306	154	2535	144	2440	168	3264	143	4555	73	0	0	2610	901
SURAT	3068	1133	3069	953	3691	869	3268	1191	2573	1950	3510	1470	3398	1785	3243	1385	2202	1525	4227	1200	3435	1601	3512	1605	3266	16667	
TRIVENDRUM	1547	140	2105	170	2384	162	2057	224	1255	203	2117	121	2188	188	2147	164	1456	242	1464	288	1886	262	1779	206	1885	2370	



Annual Wholesale Average Price Trend of Okra-2013



Annual Total Arrival Trend of Okra-2013





ONION

Origin	- Asia
Major Producing State	- Maharashtra, Bihar, Karnataka, Gujarat, Andhra Pradesh, Uttar Pradesh, Orissa & Madhya Pradesh
Latest Production	- 168.13 Lakh Tonnes
Name of Variety	Recommended Areas
IARI, New Delhi	All over India
Pusa White Flat	All over India
Pusa White Round	Punjab, U.P. and Bihar, Rajasthan, Gujarat, Haryana, Delhi, Karnataka, Tamil Nadu and Kerala
Pusa Red	All over India
Pusa Ratnar	Madhya Pradesh and Maharashtra
Pusa Madhvi	Delhi, U.P., Haryana, Bihar, Punjab, Rajasthan, Gujarat, M.P., Chhattisgarh and Odisha
Sel. 126	Punjab, Tarai region of U.P., Bihar, Jharkhand, Chhattisgarh, Odisha, A.P., Rajasthan, Gujarat, Haryana, Delhi, Karnataka, Tamil Nadu and Kerala
IIHR, Bengaluru	
Arka Kalyan	Punjab, Tarai region of U.P., Bihar, Jharkhand, M.P. and Maharashtra
NBPGR, New Delhi	Punjab, Tarai region of U.P., Bihar, Jharkhand, Rajasthan, Gujarat, Haryana, Delhi, Karnataka, Tamil Nadu and Kerala NHRDF, Nasik, Maharashtra
Pusa Ratnagar	All over India
Arka Niketan	All over India
Agrifound Dark Red	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P., J&K, M.P., Chhattisgarh, Goa, Gujarat and Maharashtra
Agrifound Light Red	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Andaman & Nicobar Island, Punjab, Tarai Region of U.P., Bihar, Jharkhand, Rajasthan, Gujarat, Haryana and Delhi
NHRDF-Red (L-28)	Chhattisgarh, Odisha, A.P., Rajasthan, Gujarat, Haryana, Delhi, M.P. and Maharashtra
NHRDF Red-2 (L-355)	Andhra Pradesh and Karnataka
Agrifound White	Karnataka, Tamil Nadu and Kerala
Agrifound Rose	Punjab, Tarai region of U.P., Bihar, Jharkhand, M.P., Maharashtra, Karnataka, Tamil Nadu and Kerala
Agrifound Red	Punjab, Tarai region of U.P., Bihar and Jharkhand
PAU, Ludhiana, Punjab	Punjab, Tarai region of U.P., Bihar and Jharkhand
Punjab Selection	Punjab, Tarai region of U.P., Bihar and Jharkhand
Punjab Red Round	Punjab, Tarai region of U.P., Bihar and Jharkhand
Punjab-48	
CSA, Kanpur	
Kalyanpur Red Round	
RAU, Udaipur	
Udaipur-103	
Udaipur-102	
Department of Agriculture, Maharashtra	
N-53	
MPKV, Rahuri, Maharashtra	



Phule Samarth	Maharashtra and Madhya Pradesh
Phule Survarna	Maharashtra and Madhya Pradesh
Phule Safed	Maharashtra and Madhya Pradesh
TANU, Coimbatore, Tamil Nadu (Multiplier)	
CO 1	Karnataka, Tamil Nadu and Kerala
CO 2	Karnataka, Tamil Nadu and Kerala
CO 3	Karnataka, Tamil Nadu and Kerala
MDU-1	Karnataka, Tamil Nadu and Kerala
Co-4	Karnataka, Tamil Nadu and Kerala
Co-5	Karnataka, Tamil Nadu and Kerala
HAU, Hisar	
Hisar-2	All over India
Hisar Onion-3	Haryana
Dogresearch, Rajguru Nagar, Pune	
Bhima Raj	Rajasthan, Gujarat, Haryana and Delhi
Bhima Red	Maharashtra, M.P., Karnataka and Gujarat
Bhima Super	Maharashtra, Karnataka and Gujarat
Bhima Kiran	Delhi, U.P., Haryana, Bihar, Punjab, Maharashtra, Karnataka and A.P.
Bhima Shakti	Delhi, U.P., Haryana, Bihar, Rajasthan, Gujarat, M.P., Chhattisgarh, Odisha, Maharashtra, Karnataka and Andhra Pradesh
Bhima Shweta	Delhi, U.P., Haryana, Bihar, Punjab, M.P., Chhattisgarh, Odisha, Maharashtra, Karnataka and Andhra Pradesh
Bhima Shubra	Maharashtra
TANU, Coimbatore	
CO 2	Tamil Nadu
CO 3	Tamil Nadu
CO 4	Tamil Nadu
CO (On) 5 (Seed propagated)	Tamil Nadu

Major Onion Growing Belts in India :

Andhra Pradesh	:	Adilabad, Anantapur, Guntur, Kadapa, Kurnool, Rangareddy, Srikakulam
Bihar	:	Patna, Nalanda, Bhojpur, Rohtas, Gaya, Aurangabad, East Champaran, West Champaran, Muzaffarpur, Sitamarhi, Vaishali, Bhagalpur, Munger, Sheikhpura, Darbhanga, Madhubani, Samastipur, Begusarai, Purnea, Araria, Kishanganj, Katihar
Chhattisgarh	:	Raipur, Baloda Bazar, Mahasamund, Dhamtari, Durg, Bemetara, Rajnandgaon, Kabirdham, Kanker, Janjgir-Champa, Bilaspur, Korba, Raigarh, Surguja, Surajpur, Koriya, Balrampur, Jashpur
Gujarat	:	Dang, Dahod, Bhavnagar, Rajkot Amreli, Junagarh, Jamnagar, Sundarnagar
Haryana	:	Sirsa, Jind, Yamunanagar, Kurukshetra, Panchkula, Ambala, Kaithal, Karnal, Panipat, Sonapat, Rohtak, Jhajjar, Biwani, Mewat
Jharkhand	:	Palamu, Ramgarh
Karnataka	:	Belgam, Dharwad, Gadag, Haveri, Bagalkot, Chitradurga, Bijapur, Chamarajanagar, Chikmagalur, Raichur, Bellary, Gulburga, Chikkaballapur, Davanagere, Koppal
Madhya Pradesh	:	Shajapur, Jabalpur, Indore, Khandwa, Ujjain, Reeve, Bhopal, Dhar, Khargone, Mandsaur, Ratlam



Maharashtra	:	Nasik, Ahmednagar, Pune, Satara, Solapur, Dhule, Jalgaon, Osmanabad, Beed, Aurangabad, Bhandara, Nandurbar, Latur
Odisha	:	Bolangir (Bongamunda, Tureikela), Kalahandi (Bhawaniapatna), Boudh (Harbhanga), Angul (Kishorenagar), Deogarh (Reamal), Nuapada (Khariar, Komna, Sinapalli)
Punjab	:	Sangrur (Sangrur, Malerkotla, Dhuri, Sunam), Patiala (Patiala, Rajpura, Ghanaur, Patran)
Rajasthan	:	Alwar, Ajmer, Chittorgarh, Jaipur, Jalore, Nagour, Jhunjhunu, Bharatpur, Bhilwara, Jhalawar
Tamil Nadu	:	Perambalur, Trichy, Dindigul, Erode, Namakkal, Trippur, Tirunelveli
Uttar Pradesh	:	Kannauj, Fatehpur, Sultanpur, Jaunpur, Mainpuri, Kanpur, Farrukhabad, Bahraich, Ballia, Azamgarh, Gonda, Sonabhadra, Ghazipur, Hardoi, Rae Bareli, Unnao, Barabanki, Kanpur Dehat, Pratapgarh, Jalaun, Allahabad, Badaun
Uttarakhand	:	Almora, Chamoli, Dehradun, Pauri, Pithoragarh, Tehri, Udham Singh Nagar
West Bengal	:	Hooghly, Murshidabad, Nadia, North 24 Parganas
Advanced Technology	-	Use of Hybrid seeds.

Storage conditions

	Fresh	Frozen
Temperature	0° C	-18° C
Relative Humidity	65-70%	Gas-tight Packing
Storage Period	3-5 months	6-12 months
Treatment for Quality	-	Proper Curing
Sensibility to	-	Low Temperature



राष्ट्रीय बागवानी बोर्ड
National
Horticulture Board

HARVESTING SEASON OF ONION

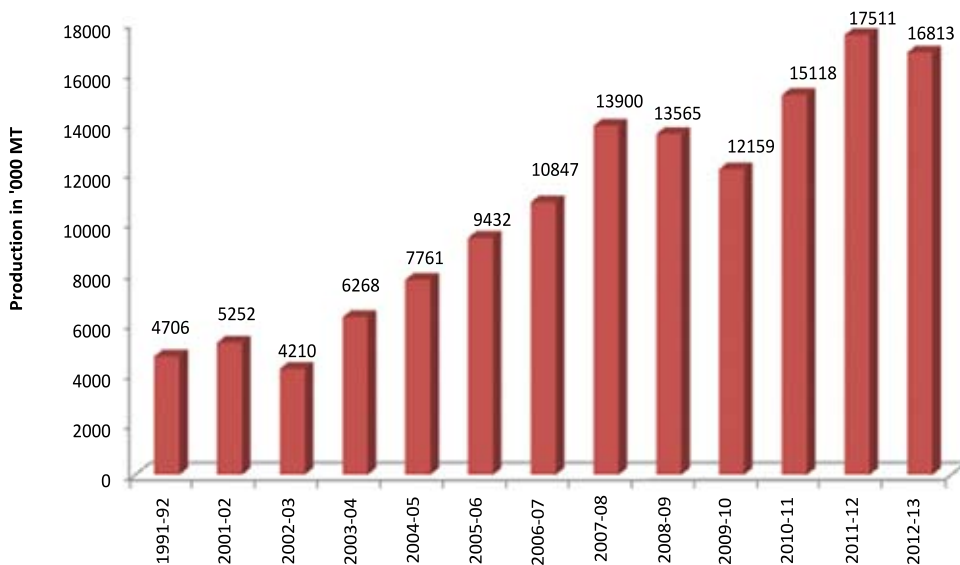
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE												
ROUND THE YEAR												
PEAK SEASON												
LEAN SEASON												

Source : Director of Horticulture / Agriculture of respective State / UT's

ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF ONION

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG.AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	331.8	5.9	4705.8	8.0	14.2
2001-02	495.8	8.1	5252.1	5.6	10.6
2002-03	424.7	7.0	4209.5	5.0	9.9
2003-04	553.8	8.8	6267.6	6.7	11.3
2004-05	613.8	9.1	7760.6	7.7	12.6
2005-06	703.6	9.8	9432.5	8.5	13.4
2006-07	768.0	10.1	10847.0	9.4	14.1
2007-08	821.0	10.5	13900.0	10.8	16.9
2008-09	834.0	10.4	13565.0	10.5	16.3
2009-10	756.2	9.5	12158.8	9.1	16.1
2010-11	1064.0	12.5	15118.0	10.3	14.2
2011-12	1087.2	12.1	17511.1	11.2	16.1
2012-13	1051.5	11.4	16813.0	10.4	16.0

PRODUCTION TREND OF ONION



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF ONION

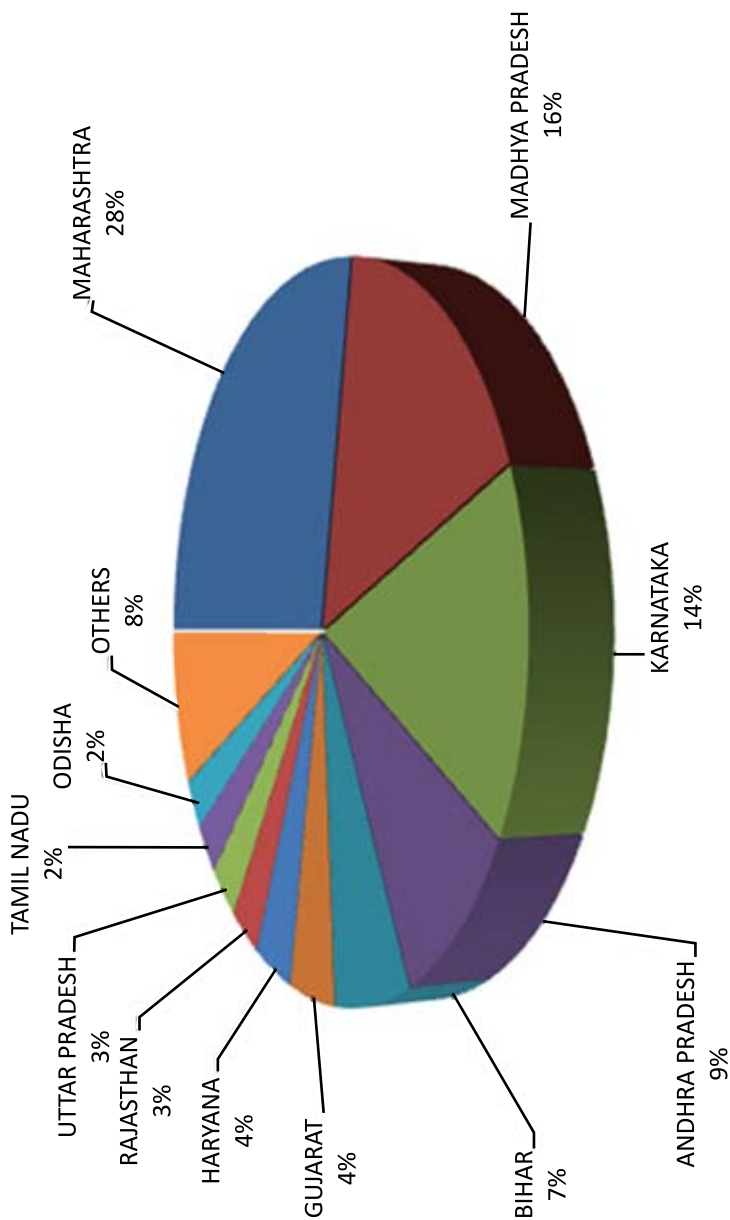
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
MAHARASHTRA	415.0	4905.0	11.8	382.0	5638.0	14.8	260.00	4660.00	17.9
MADHYA PRADESH	58.3	1021.5	17.5	88.1	1957.0	22.2	111.73	2691.00	24.1
KARNATAKA	190.5	2592.2	13.6	177.2	2451.2	13.8	159.60	2395.90	15.0
ANDHRA PRADESH	47.8	812.6	17.0	48.5	824.8	17.0	86.67	1560.06	18.0
BIHAR	53.3	1082.0	20.3	53.8	1236.7	23.0	53.02	1107.84	20.9
GUJARAT	62.0	1514.1	24.4	61.3	1562.2	25.5	28.85	704.38	24.4
HARYANA	22.2	453.9	20.5	27.5	589.8	21.5	27.80	604.47	21.7
RAJASTHAN	49.0	494.2	10.1	73.5	664.2	9.0	139.05	476.21	3.4
UTTAR PRADESH	23.2	368.6	15.9	23.7	383.5	16.2	26.63	474.01	17.8
TAMIL NADU	33.8	338.9	10.0	37.1	556.5	15.0	37.70	429.72	11.4
ODISHA	34.8	385.9	11.1	35.2	419.0	11.9	34.92	419.09	12.0
OTHERS	74.0	1148.8	15.5	79.5	1228.2	15.5	85.6	1290.3	15.1
TOTAL	1063.8	15117.7	14.2	1087.2	17511.1	16.1	1051.5	16813.0	16.0

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING ONION PRODUCING STATES (2012-13)



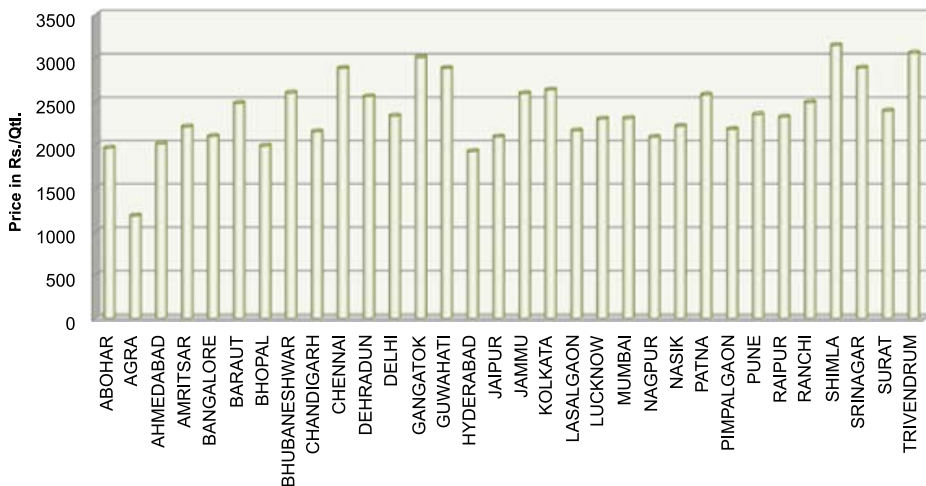
MONTHLY AVERAGE WHOLESAL PRICE & TOTAL ARRIVAL OF ONION DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./001
Total Arrival in M.T.

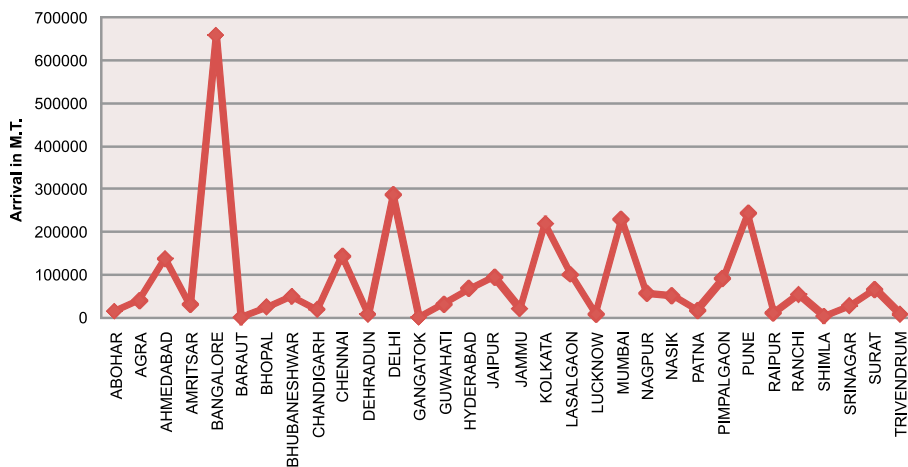
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual	
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival		
ABOZHAR	913	2057	959	2002	727	2039	749	1482	737	1265	678	1480	170	3075	1018	4016	1636	4069	2018	4218	880	0	0	1966	15234	
AGRA	1193	6374	1481	3833	1022	5749	983	6943	818	6661	900	6436	1379	3805	1683	690	0	0	0	0	0	0	0	1182	40491	
AMMADABAD	1280	8630	1301	14417	958	12985	834	15383	719	14114	1206	12582	2044	11588	3430	7644	4349	6877	3450	13009	3061	9723	1530	10534	2014	137496
AMRITSAR	1485	3500	1455	2825	1208	2895	1147	3000	1017	4000	1126	3520	1855	2735	3505	1275	4142	1310	4313	1510	3408	1680	1845	2370	2209	30820
BANGALORE	1658	22100	1770	19725	1250	21900	1087	28095	1196	19930	1673	26826	2319	36471	3090	46196	3192	131230	3483	149282	2909	84483	1580	73170	2101	659308
BARAUT	1430	43	1892	50	1429	61	1492	39	1396	66	1350	68	1987	47	3398	23	4730	25	4733	25	3994	27	1954	35	2482	509
BHOJPAL	796	1475	1790	1366	1202	998	835	2301	611	3900	1014	3823	1924	1421	3734	999	3596	1301	3738	2808	3137	1246	1486	2993	1989	24431
BHUBANESHWAR	1714	5750	2189	4575	1526	6825	1278	8100	1159	5430	1838	4680	2523	3491	4075	2460	4378	2755	4610	2225	3950	2470	2165	3260	2600	49821
CHANDIGARH	1409	1703	1834	1401	1429	1217	1246	1415	997	1730	1341	1762	1808	1770	3311	1466	3823	1430	3756	1946	3212	1229	1670	1688	2153	18758
CHENNAI	1959	11670	2044	13110	1513	12740	1410	11990	1431	14350	1852	11980	2756	11940	4529	11010	5204	11350	4676	11180	4692	10880	2560	11470	2886	143780
DEHRADUN	1809	620	1949	605	1587	701	1354	702	1215	746	1334	650	1942	753	3906	802	4593	844	4984	831	4103	711	1948	1009	2559	8574
DELHI	1522	26233	1587	22738	1191	26812	1054	27271	903	30832	1266	26958	2154	24514	3748	17636	4567	16459	4413	19821	3752	23685	1856	23791	2334	286750
GANGATOK	2256	98	2998	61	2888	58	2800	80	1681	91	1376	74	1374	64	3075	51	4224	81	5360	58	5420	62	2640	94	3008	850
GUWAHATI	1786	3430	2321	1697	1471	3680	1303	4120	1401	3570	1469	3410	2320	1573	3888	845	5225	854	5790	932	5144	2060	2500	5040	2885	31191
HYDERABAD	1235	1321	1976	2981	1448	4023	1248	5146	1256	5888	1145	3260	1675	5375	3004	5418	3564	9899	2768	7769	2296	7949	1488	8863	1925	67892
JAIPIUR	1172	6144	1535	5999	1090	7721	1030	6238	930	12442	1061	14306	1570	8495	2712	6447	4088	4850	4509	9613	3895	7308	1543	4963	2095	94526
JAMMU	1675	1935	1838	2191	1454	1971	1543	2979	1271	3022	1352	1870	2369	1053	3883	847	4686	1317	4996	1045	4088	963	1965	1949	2594	21142
KOLKATA	1840	30182	2010	28405	1260	19517	1111	13488	1176	28292	1662	21100	2594	27536	4284	9808	4619	7770	4741	7366	4016	7672	2315	18424	2636	219560
LASALGAON	1341	3540	1995	2005	915	5105	778	5233	923	11750	1336	6520	2092	5580	3357	4699	4364	4190	4800	3807	2957	13709	1315	34026	2164	100964
LUCKNOW	1134	474	2156	572	1328	692	1145	575	986	928	1116	668	2111	476	3348	480	4256	399	4335	459	3661	896	1834	1166	2299	7795
MUMBAI	1480	25713	1503	21265	1039	22590	976	20049	961	18805	1422	19130	2206	19145	3809	9855	4568	14161	4484	16720	3569	18195	1843	24115	2306	229742
NAGPUR	1213	6890	1398	5730	1438	5680	1197	4040	840	6490	1378	5440	2074	2225	2623	3980	3920	2640	3514	4000	3306	4815	2188	5210	2091	57050
NASIK	1405	2775	2008	2416	960	4110	805	4675	926	8105	1376	3725	2211	2270	3498	2320	4537	3287	4477	3043	3030	5150	1377	8985	2218	50861
PATNA	1701	1591	1980	1825	1309	1895	1191	1665	1023	1735	1322	1010	2113	925	3865	746	5012	505	5315	1101	4196	1765	1926	2370	2579	17133
PIMPALGAON	1357	3750	2044	2711	968	4387	788	5006	928	9660	1366	5005	2137	3740	3491	4594	4400	3838	4555	3781	2632	13575	1299	30885	2180	90932
PUNE	1435	15164	1413	14005	1108	14724	1130	18159	1107	20221	1314	49002	2267	29773	4061	8824	4129	14847	4414	15273	3550	15594	2298	27813	2352	243399
RAIPUR	1464	855	1754	976	1103	1075	965	1240	877	1032	1350	649	2264	857	3809	550	4605	699	4340	732	3614	829	1727	1506	2323	11000
RANCHI	1687	5870	2175	3825	1354	4980	1250	4963	831	6565	1301	4580	2252	3908	3842	3540	4487	4515	4531	3268	4111	3318	1969	5080	2491	54422
SHIMLA	1909	299	2167	303	1635	372	1888	335	1550	409	1650	275	2761	325	4660	200	5686	261	6200	268	5429	258	2446	431	3148	3736
SRINAGAR	1558	3350	1722	2210	1860	3260	1820	3960	1538	4130	1744	3293	2493	1900	3963	585	5386	825	5320	1042	4679	1000	2578	1685	2889	27220
SURAT	1283	5363	1846	5908	1179	5983	1014	6355	940	6675	1430	4825	2011	4945	3792	4065	4613	4825	4531	4945	4260	5791	1822	6195	2393	66370
THIRUVENDRUM	1924	585	2105	600	1711	735	1603	910	1550	905	2007	481	2580	620	4447	419	5088	576	5460	775	5416	665	2832	825	3060	8096



Annual Wholesale Average Price Trend of Onion-2013



Annual Total Arrival Trend of Onion-2013





PEAS

Origin	- Ethiopia
Major Producing State	- Uttar Pradesh, Bihar, Haryana, Punjab, Himachal Pradesh, Orissa & Karnataka
Latest Production	- 40.06 Lakh Tonnes
Name of Variety	Recommended Areas
IARI, New Delhi	
Bonneville	All over India
Arkel	All over India
Pusa Pragati	All over India
IIHR, Bengaluru	
Arka Ajit	Punjab, Tarai region of U.P., Rajasthan, Gujarat, Haryana, Delhi, Karnataka, Tamil Nadu and Kerala
IIVR, Varanasi	
Kashi Nandini	J&K, H.P., Uttarakhand, Punjab, Tarai region of U.P., Bihar, Jharkhand, Karnataka, Tamil Nadu and Kerala
Kashi Uday	Uttar Pradesh
G.B.U.A.&T., Pant Nagar	
Pant Uphar	U.P. and Uttarakhand
Pant Matar-2	J&K, H.P., Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Pant Sabji Matar-3	J&K, H.P., Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Pant Sabji Matar-4	J&K, H.P., Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Pant Sabji Matar-5	J&K, H.P., Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
MPKV, Rahuri	
Phule Priya	Maharashtra
TANU, Coimbatore	
Ooty 1	Tamil Nadu
Pole type Ooty 1	Tamil Nadu
CSAUAT, Kanpur	
Azad P-3	U.P.
Azad P-2	Punjab, Tarai region of U.P., Uttarakhand, Bihar, Jharkhand
Azad P-4	Punjab, Tarai region of U.P., Uttarakhand, Bihar, Jharkhand
Azad P-5	Punjab, Tarai region of U.P., Uttarakhand, Bihar, Jharkhand

Major Peas Growing Belts in India :

Andhra Pradesh	:	Chittoor, Rangareddy, Medak
Assam	:	Darrang, Kamrup, Nagaon
Bihar	:	Patna, Nalanda, Bhojpur, Gaya, Muzaffarpur, Vaishali, Samastipur, Katihar
Chhattisgarh	:	Raipur, Baloda Bazar, Durg, Bemetara, Rajnandgaon, Janjgir-Champa, Bilaspur, Korba, Raigarh, Surguja, Surajpur, Koriya, Balrampur
Haryana	:	Ambala, Yamunanagar, Kurukshetra, Kaithal, Karnal, Panipat, Sonipat, Gurgaon, Jind
Himachal Pradesh	:	lahul & spiti (Keylong, Kazza), Kinnaur (Kalpa, Sangla Nichar Valley, Chango, Pooh), shimla (Rohroo, Theog, Shogi, Mashoba), sirmour (Pacchad, Sangarh, Rajgarh)
Jharkhand	:	Ranchi (Ratu, Mandar), Ramgarh, Hazaribagh, Palamu



Karnataka	:	Kolar, Bengaluru, Mysore, Tumkur, Hassan, Chikkaballapur
Madhya Pradesh	:	Shajapur, Jabalpur, Ujjain, Dewas, Gwalior, Morena, Hoshangabad, Vidisha, Sagar
Maharashtra	:	Pune, Parbhani, Thane, Jalna, Nandurbar, Chandrapur, Buldhana
Manipur	:	Imphal, Valley
Mizoram	:	Aizawl, Lunglei, Saiha
Nagaland	:	Kohima, Wokha, Mokochung, Zunheboto, Tuensang, Phek, Mon, Dimapur
Odisha	:	Angul (Kishorenagar), Sambalpur (Sasan)
Punjab	:	Hoshiarpur (Hoshiarpur 1, Hoshiarpur 2, Chabbewal), Amritsar (Verka, Jandiala Guru, Majitha, Rayya), Patiala (Sanaur, Rajpura, Ghannaur, Patran), S.B.S. Nagar (Nawan Shahr, Bala, Chaur)
Rajasthan	:	Jaipur, Alwar, Jodhpur, Udaipur
Uttar Pradesh	:	Lalitpur, Jalaun, Jhansi, Mohoba, Sultanpur, Hamirpur, Azamgarh, Basti, Allahabad, Pratapgarh, Etah, Mirzapur, Jaunpur, Kabir Nagar, Ambedkar Nagar, Sonbhadra, Faizabad, Barabanki, Raebareli, Sitapur, Siddharth Nagar, Gonda, Balia, Kanpur-Nagar, Kanpur-Dehat, KanshiRam Nagar
Uttarakhand	:	Almora, Chamoli, Champawat, Dehradun, Nainital, Tehri, Udham Singh Nagar, Uttarkashi
West Bengal	:	Nadia, Hoogly, 24 parganas

Advanced Technology - Use of Hybrid seeds.

Storage conditions

	Fresh	Frozen
Temperature	0° C	-23 to -18° C
Relative Humidity	95%	Gas-tight Packing
Storage Period	3-7 days	1 year +
Freezing Point	-0.60° C	---
Sensibility to	-	High Temperature and High Humidity



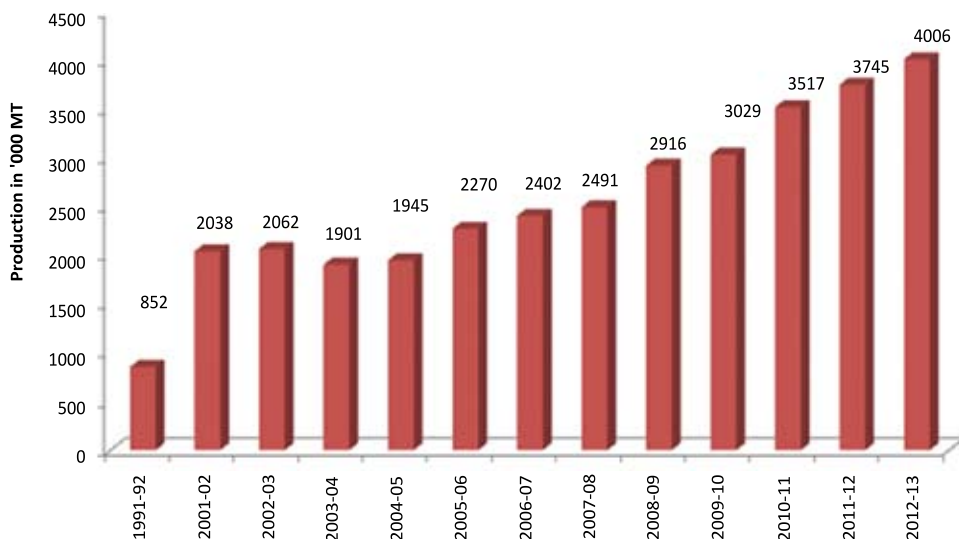
HARVESTING SEASON OF PEAS

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
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DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												

ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF PEAS

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG. AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	177.7	2.9	851.6	1.7	4.8
2001-02	303.3	4.9	2038.2	2.2	6.7
2002-03	305.2	5.0	2061.8	2.4	6.8
2003-04	285.2	4.5	1901.2	2.0	6.7
2004-05	276.3	4.1	1944.8	1.9	7.0
2005-06	286.1	4.0	2270.0	2.1	7.9
2006-07	297.0	3.9	2402.0	2.1	8.1
2007-08	313.0	4.0	2491.0	1.9	8.0
2008-09	348.0	4.4	2916.0	2.3	8.4
2009-10	364.9	4.6	3029.4	2.3	8.3
2010-11	370.0	4.4	3517.0	2.4	9.5
2011-12	408.2	4.5	3744.8	2.4	9.2
2012-13	420.9	4.6	4006.2	2.5	9.5

PRODUCTION TREND OF PEAS



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF PEAS

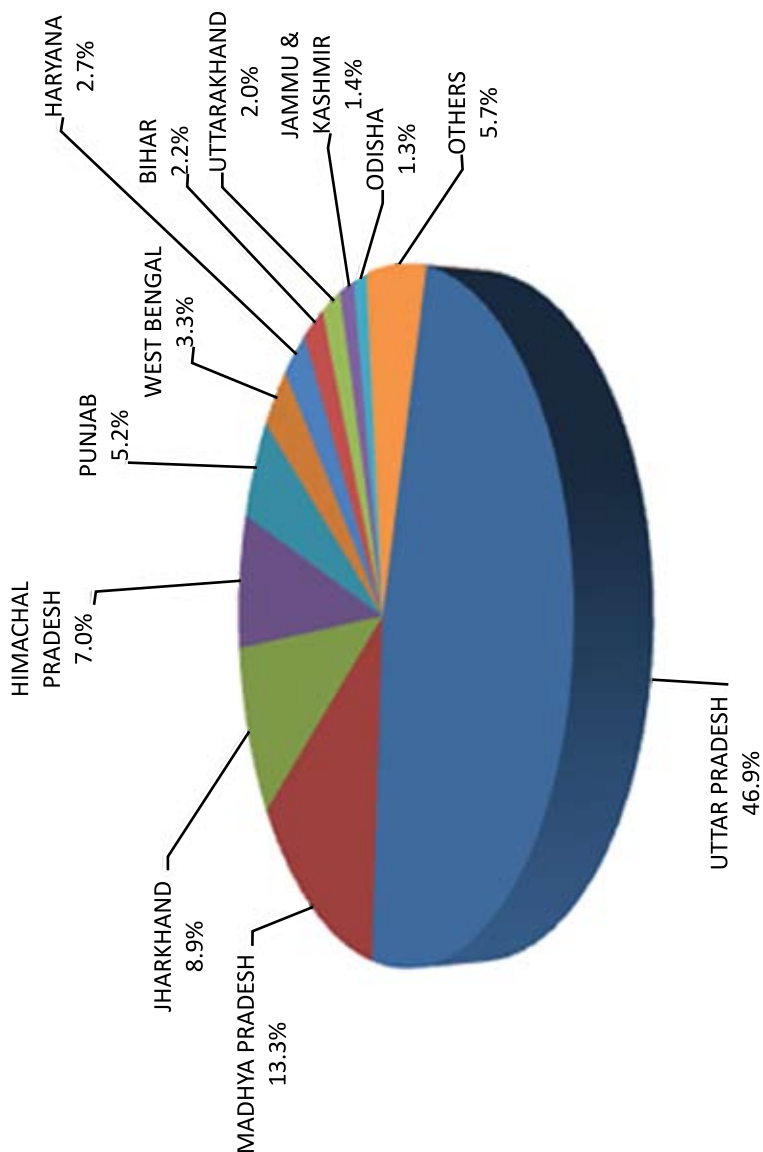
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
UTTAR PRADESH	159.2	1532.4	9.6	161.7	1602.8	9.9	175.01	1877.93	10.7
MADHYA PRADESH	22.8	251.3	11.0	47.3	452.2	9.6	53.45	534.00	10.0
JHARKHAND	21.3	329.1	15.4	22.6	356.0	15.8	24.13	358.22	14.8
HIMACHAL PRADESH	22.8	254.2	11.1	23.2	258.4	11.2	23.67	280.23	11.8
PUNJAB	19.7	200.6	10.2	19.7	200.9	10.2	20.33	208.17	10.2
WEST BENGAL	21.4	129.4	6.0	21.7	131.0	6.1	21.80	132.11	6.1
HARYANA	12.7	79.0	6.2	13.8	91.4	6.6	15.08	107.54	7.1
BIHAR	9.6	67.2	7.0	9.9	82.1	8.3	10.02	88.71	8.9
UTTARAKHAND	11.2	86.9	7.8	11.7	78.1	6.7	11.65	78.29	6.7
JAMMU & KASHMIR	6.8	212.5	31.3	2.8	58.1	20.8	2.79	58.08	20.8
ODISHA	5.9	52.4	8.9	5.88	52.53	8.9	5.89	52.76	9.0
OTHERS	56.4	322.6	5.7	68.1	381.4	5.6	57.1	230.1	4.0
TOTAL	369.8	3517.4	9.5	408.24	3744.81	9.2	420.90	4006.17	9.5

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING PEAS PRODUCING STATES (2012-13)

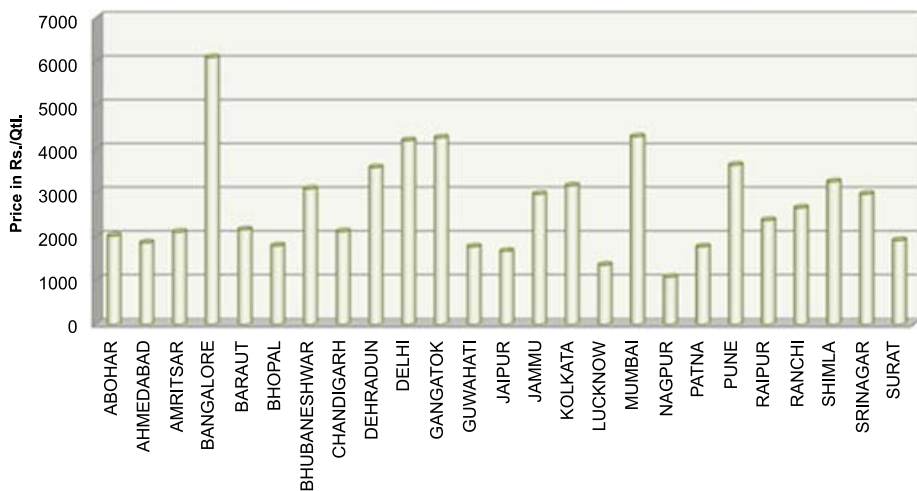


MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF PEAS DURING THE PERIOD OF JANUARY TO DECEMBER-2013

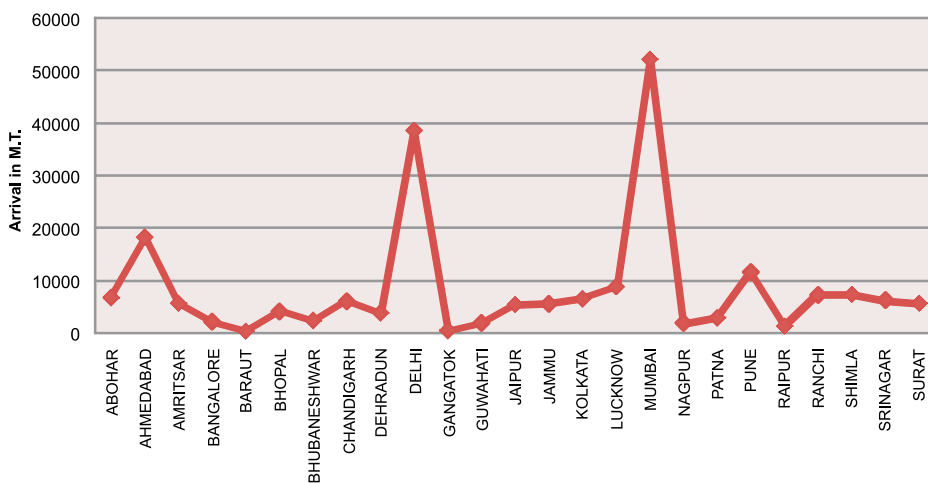
Average wholesale price in Rs./Qil
Total Arrival in M.T.

Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual			
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price			
ABDHAR	766	1014	669	1200	670	1345	754	839	1809	360	3230	230	0	0	2882	399	2888	514	3422	496	3039	225	0	0	2014	6622		
AHMEDABAD	1381	4557	1152	5080	1340	4037	3227	622	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2189	3893	1858	18189	
AMRITSAR	1338	1000	1270	935	1174	760	1982	485	2192	463	0	0	0	0	0	0	0	0	4371	82	2716	844	1770	985	2102	5554		
BANGALORE	1885	329	2223	335	2850	244	5946	58	13250	11	0	0	5206	69	3498	395	6620	149	14025	50	7700	58	3682	300	6090	1998		
BARAUT	2014	45	1842	29	1446	54	2163	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3310	33	2155	182	
BHOPAL	1288	1509	1154	842	1379	675	3252	95	0	0	0	0	0	0	0	0	0	0	1300	34	0	0	6827	20	3900	190	3092	2231
BHUBANESHWAR	2157	662	1644	720	1625	525	2397	114	0	0	0	0	0	0	0	0	0	0	0	0	0	2437	451	1905	1252	2113	5925	
CHANDIGARH	1754	1070	1164	1234	1409	851	2574	498	2710	438	2954	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEHRADUN	1433	547	1233	468	1311	404	1988	454	2601	307	3726	59	5504	40	7980	31	5888	22	5702	84	3557	843	1989	399	3576	3658		
DELHI	1723	8618	1396	8773	1602	5442	3051	1701	3467	1806	4427	1310	6326	1129	8055	1407	7822	497	7377	768	4647	2383	2391	4753	4190	38587		
GANGATOK	3668	62	2531	52	3233	27	3292	10	0	0	0	0	0	0	0	0	0	0	0	0	0	7668	40	5144	87	4256	278	
GUWAHATI	2008	661	1008	533	1413	303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2638	204	1767	1701	
JAIPUR	1255	1888	985	1045	941	638	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2918	210	2235	1531	1667	5312	
JAMMU	1754	595	1498	665	1296	656	2804	210	2038	255	1682	624	3948	173	4153	130	4636	121	6012	95	3742	730	2071	1166	2970	5420		
KOLKATA	2054	2300	1341	1167	1716	566	2058	197	0	0	0	0	0	0	0	0	0	0	0	0	0	7924	314	3862	1882	3159	6426	
LUCKNOW	1396	3371	899	3095	765	538	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2330	1681	1348	8685	
MUMBAI	1756	9925	1387	9319	1839	6450	4029	2685	3832	2434	5822	1724	4852	3990	3419	2746	7310	1278	8780	1025	5498	3125	2890	7503	4285	52183		
MAGPUR	930	896	1190	506	1100	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1073	1717	
PATNA	1572	972	1202	765	1175	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3122	675	1768	2812
PUNE	2025	5655	2188	1720	2221	521	3320	64	0	0	0	0	0	0	2971	1024	4833	995	8500	30	0	0	0	3017	1491	3634	11500	
RAIPUR	1410	267	1583	221	1754	114	1961	68	1900	2	0	0	0	0	0	0	0	0	0	0	0	5067	14	2924	513	2371	1199	
RANCHI	1391	1437	1134	3395	1031	1299	1110	26	0	0	0	0	0	0	0	0	0	0	4680	118	5440	260	3802	613	2655	7148		
SHIMLA	1930	298	1835	329	1585	412	3180	181	3074	153	5229	5178	3214	60	0	0	0	0	5196	109	4075	136	3212	383	3253	7239		
SRINAGAR	2013	950	1953	640	1985	985	3506	493	2554	1015	1589	985	4185	213	4115	54	4850	22	0	0	3290	146	2657	618	2972	6101		
SURAT	1474	1560	1248	1408	1537	1193	3256	558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2051	798	1913	5517	

Annual Wholesale Average Price Trend of Peas-2013



Annual Total Arrival Trend of Peas-2013





TOMATO

Origin	- Peruvian & Mexican region
Major Producing State	- Bihar, Karnataka, Uttar Pradesh, Orissa, Andhra Pradesh, Maharashtra, Madhya Pradesh & Assam.
Latest Production	- 182.27 Lakh Tonnes
Name of Variety	Recommended Areas
IARI, New Delhi	
Pusa-120	All over India
Pusa Ruby	All over India
Pusa Sheetal	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Pusa Gaurav	Punjab, U.P., Bihar, Rajasthan, Gujarat, Haryana and Delhi
Pusa Uphar	Punjab, U.P., Bihar, Rajasthan, Gujarat, Haryana and Delhi
Pusa Rohini	NCR
Pusa Sadabahar	NCR
Pusa Hybrid-2	H.P., J&K, Uttarakhand (Garhwal and Kumaon), Punjab, U.P., Bihar, Delhi, Goa, Gujarat, Maharashtra, Daman & Diu, Dadra & Nagar Haveli, A.P., Tamil Nadu, Karnataka and Haryana
Pusa Hybrid-4	Maharashtra, Jharkhand, Chhattisgarh, A.P., M.P., Odisha, Bihar, Karnataka, Rajasthan, Punjab, Gujarat and Tamil Nadu
Pusa Hybrid-8	Punjab, U.P., Bihar and Jharkhand
Pusa Divya	Punjab, U.P. and Bihar
IIHR, Bengaluru	
Arka Ananya	Punjab, Tarai region of U.P., Bihar, Jharkhand, Chhattisgarh, Odisha, Arunachal Pradesh, Rajasthan, Gujarat, Haryana, Delhi, M.P. and Maharashtra
Arka Vardan	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar, Jharkhand, Karnataka, Tamil Nadu and Kerala
Arka Vishal	Punjab, Tarai region of U.P., Bihar, Jharkhand, Karnataka, Tamil Nadu and Kerala
Arka Abhijit	Chhattisgarh, Odisha, Arunachal Pradesh, Rajasthan, Gujarat, Haryana, Delhi, Karnataka, Tamil Nadu and Kerala
Arka Vikas	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar, Jharkhand, Chhattisgarh, Odisha, A.P., Rajasthan, Gujarat, Haryana, Delhi, M.P., Maharashtra, Karnataka, Tamil Nadu and Kerala
Arka Abha	All over India
Arka Saurabh	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar, Jharkhand, Chhattisgarh, Odisha, A.P., Rajasthan, Gujarat, Haryana, Delhi, M.P., Maharashtra, Karnataka, Tamil Nadu and Kerala
Arka Alok	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar, Jharkhand, Karnataka, Tamil Nadu and Kerala
IIVR, Varanasi	
Kashi Vishesh	J&K, H.P., Uttarakhand, Punjab, U.P., Bihar, Jharkhand, Chhattisgarh, Odisha, A.P., Karnataka, Tamil Nadu and Kerala
Kashi Amrit	U.P., Bihar and Jharkhand
Kashi Hemant	Chhattisgarh, Odisha, A.P. and M.P.
Kashi Sharad	J&K, H.P. and Uttarakhand
Kashi Anupam	Rajasthan, Gujarat and Haryana
HAU, Hisar	
HS-101	All over India



HS-102	All over India
Hisar Lalit	All over India
Hisar Arun	All over India
Hisar Lalima	Haryana
HS-110	Haryana
AAU, Anand, Gujarat	
Gujarat Tomato-2	Middle Gujarat
Anand Tomato-3	Middle Gujarat
G.B.U.A.&T., Pant Nagar	
Pant Bahar	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Pant T-3	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Pant poly house tomato-1	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
Pant poly house tomato hybrid-1	H.P., J&K, Hills of U.P., Punjab, Tarai region of U.P., Bihar and Jharkhand
MPKV, Rahuri Dhanashree	Maharashtra
Phule Raja	Maharashtra
TANU, Coimbatore	
CO 1	Tamil Nadu
CO 2	Tamil Nadu
CO 3	Tamil Nadu
PKM 1	Tamil Nadu
Paiyur 1	Tamil Nadu
COTH 1	Tamil Nadu
COTH 2	Tamil Nadu
TNAU Tomato Hybrid Co3	Tamil Nadu
CSAUAT, Kanpur	
Azad T-5	Punjab, Tarai region of U.P., Uttarakhand, Bihar, Jharkhand
Azad T-6	Punjab, Tarai region of U.P., Uttarakhand, Bihar, Jharkhand
KTH-2 (Hybrid)	Punjab, Tarai region of U.P., Uttarakhand, Bihar, Jharkhand
KTH-1 (Hybrid)	Punjab, Tarai region of U.P., Uttarakhand, Bihar, Jharkhand

Major Tomato Growing Belts in India :

Andhra Pradesh	:	Adilabad, Anantapur, Chittoor, East Godavari, Karimnagar, Khammam, Mahbubnagar, Medak, Nalgonda, Nizamabad, Prakasam, Rangareddy, Vizianagaram, Warangal
Arunachal Pradesh	:	West Kameng, Twang, Lower Subansiri, Kurung Kumey, Upper Siang, Upper Dibang Valley
Assam	:	All districts of Assam
Bihar	:	Patna, Nalanda, Bhojpur, Aurangabad, Saran, Siwan, Gopalganj, East Champaran, West Champaran, Muzaffarpur, Sitamarhi, Vaishali, Bhagalpur, Khagaria, Darbhanga, Madhubani, Samastipur, Begusarai, Katihar, Saharsa, Madhepura
Chhattisgarh	:	Raipur, Baloda Bazar, Gariaband, Mahasamund, Durg, Balod, Dhamtari, Bemetara, Rajnandgaon, Janjgir-Champa, Kanker, Bilaspur, Mungeli, Korba, Raigarh, Jashpur, Surguja, Surajpur, Balrampur, Koriya, Kondagaon, Bijapur, Kabirdham, Dantewada, Sukma, Narayanpur
Gujarat	:	Anand, Kheda, Gandhinagar, Dang, Dahod, Narmada, Panchmahal, Banaskantha, Vadodara, Valsad, Sabarkantha, Bhavnagar
Haryana	:	Ambala, Yamunanagar, Kurukshetra, Karnal, Panipat, Sonapat, Rohtak, Jhajjar, Faridabad, Gurgaon, Mewat, Palwal, Bhiwani, Hisar, Fatehabad, Sirsa, Jind,
Himachal Pradesh	:	Solan (Solan, Kandaghat, Kunihar, Dharmpur, Vahnaghat), Sirmour (Pacchad,



	Sangarh, Rajgarh), Kullu (Kullu, Bajaura, Banjar)
Jharkhand	: Ranchi (Bundu, Tamar, Mandar, Angara), Khunti (Karra, Arki, Murhu, Raniya), Chatra (Simariya, Itkhori), Ramgarh, Hazaribagh, Gumla, Dumka, Palamu, East Singhbhum, West Singhbhum, Lohardaga
Karnataka	: Kolar, Belgaum, Bagalkot, Chitradurga, Bijapur, Chamarajanagar, Chikmagalur, Mandya, Bellary, Koppal, Gulburga, Bengaluru Rural, Chikkaballapur, Ramanagara, Davanagere, Mysore, Tumkur
Madhya Pradesh	: Ratlam, Indore, Khargone, Dhar, Jhabua, Ujjain, Sagar, Raisen, Bhopal, Shajapur, Jabalpur, Chhindwara, Satna Vidish, Bhopal
Maharashtra	: Nasik, Ahmednagar, Pune, Beed, Satara, Solapur, Chandrapur, Latur, Parbhani, Nagpur
Manipur	: Imphal Valley
Meghalaya	: All districts of Meghalaya
Mizoram	: Aizawl, Khawzawl, Lunglei, Tuidam, Saih
Nagaland	: Dimapur, Mokochung, Wokha
Odisha	: Keonjhar (Hatadihi, Anandapur), Sambalpur (Padiabahal), Bolangiri (Patnagarh, Belpara, Murihahal), Nuapada (Khariar), Cuttack (Tigiria, Kishornagar, Baranga), Koraput (Semiliguda, Patangi, Kotpada, Boriguma), Nawarangpur (Umarkote)
Punjab	: Amritsar (Tarsika, Verka, Rayya, Jandiala Guru, Majitha), Patiala (Sanaur, Patiala, Rajpura, Ghanaur)
Rajasthan	: Ajmer, Jaipur, Dholpur, Alwar, Tonk, Bharatpur, Dausa, Ganganagar, Jalore, Jhalawar, Kota, Sirohi, Karoli
Sikkim	: North, East, West & South Districts
Tamil Nadu	: Vellore, Salem, Dharmapuri, Coimbatore, Periyar, Trichy, Madurai, Dindigul, Erode, Krishnagiri
Tripura	: West, South, Dhalai & North Districts
Uttar Pradesh	: Etah, Mainpuri, Agra, Kanpur-Nagar, Jalaun, Meerut, Aligarh, Unnao, Barabanki, Faizabad, Firozabad, Lucknow, Sultanpur, Ghaziabad, Kanshi Ram Nagar, Kanpur Dehat, Kannauj
Uttarakhand	: Champawat, Dehradun, Haridwar, Nainital, Pauri, Pithoragarh, Tehri, Udham Singh Nagar, Uttarkashi
West Bengal	: Murshidabad, Nadia, North 24 Parganas, South 24 Parganas, Jalpaiguri, Cooch Behar
Advanced Technology	- Use of Hybrid seeds.

Storage conditions

	Mature Green	Pink	Ripe
Temperature	: 13°-18° C	10 -130C	7-10°C
Relative Humidity	: 85-90%	-	--
Storage Period	: 2-3 weeks	7-10 days	3-5 days
Treatment for Quality	- Integrated Paste Management (IPM)		
Sensibility to	- Refrigeration and Freezing		



HARVESTING SEASON OF TOMATO

STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE												
ROUND THE YEAR												
PEAK SEASON												
LEAN SEASON												

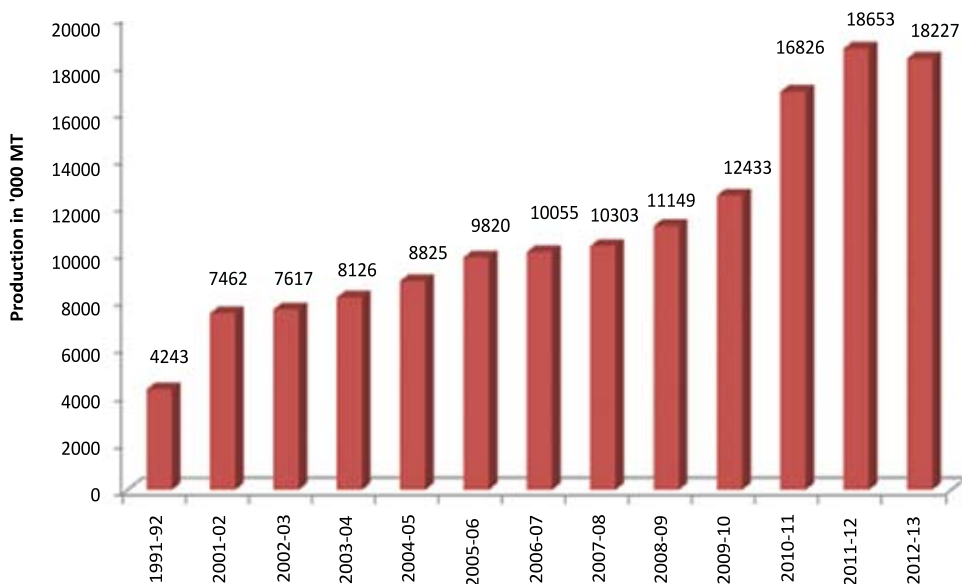
Source : Director of Horticulture / Agriculture of respective State / UT's



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF TOMATO

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG. AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	289.1	5.2	4243.4	7.2	14.7
2001-02	458.1	7.4	7462.3	8.0	16.3
2002-03	478.8	7.9	7616.7	9.0	15.9
2003-04	502.8	8.0	8125.6	8.7	16.2
2004-05	505.4	7.5	8825.4	8.7	17.5
2005-06	546.1	7.6	9820.4	8.9	18.0
2006-07	596.0	7.9	10055.0	8.7	16.9
2007-08	566.0	7.2	10303.0	8.0	18.2
2008-09	599.0	7.5	11149.0	8.6	18.6
2009-10	634.4	7.9	12433.2	9.3	19.6
2010-11	865.0	10.2	16826.0	11.5	19.5
2011-12	907.1	10.1	18653.3	11.9	20.6
2012-13	879.6	9.6	18226.6	11.2	20.7

PRODUCTION TREND OF TOMATO



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF TOMATO

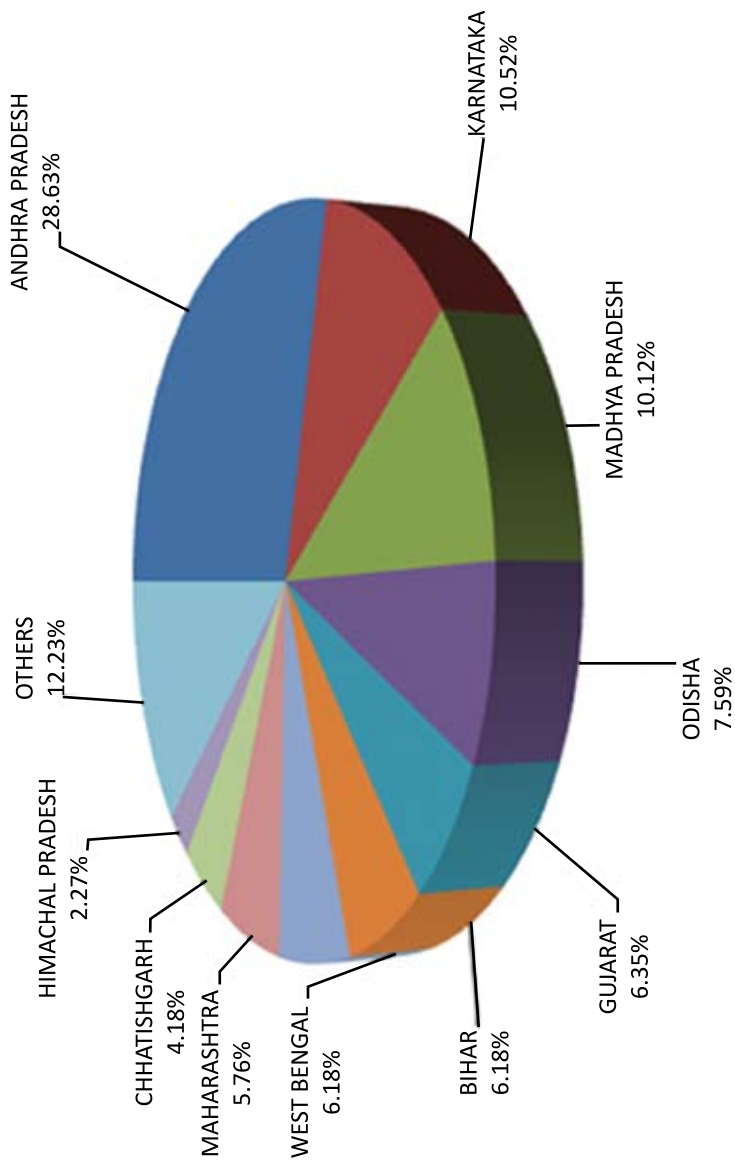
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ANDHRA PRADESH	296.3	5926.2	20.0	300.8	6015.1	20.0	260.91	5218.10	20.0
KARNATAKA	51.2	1756.7	34.3	56.6	1986.5	35.1	57.80	1916.60	33.2
MADHYA PRADESH	27.8	346.9	12.5	55.3	1349.6	24.4	62.59	1845.00	29.5
ODISHA	96.6	1367.2	14.1	96.7	1378.4	14.3	96.55	1382.78	14.3
GUJARAT	38.8	978.4	25.2	42.1	1092.5	26.0	44.00	1156.72	26.3
BIHAR	46.8	1056.2	22.6	47.2	1104.8	23.4	47.80	1126.25	23.6
WEST BENGAL	54.1	1063.7	19.6	55.2	1104.5	20.0	56.00	1125.60	20.1
MAHARASHTRA	52.0	738.0	14.2	48.0	1007.0	21.0	50.00	1050.00	21.0
CHHATTISGARH	42.9	627.9	14.6	44.6	718.5	16.1	47.97	762.22	15.9
HIMACHAL PRADESH	9.9	388.4	39.1	10.0	400.0	40.0	9.93	413.71	41.7
OTHERS	148.4	2576.8	17.4	150.59	2496.44	16.6	146.1	2229.7	15.3
TOTAL	864.9	16826.4	19.5	907.1	18653.3	20.6	879.6	18226.6	20.7

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING TOMATO PRODUCING STATES (2012-13)





राष्ट्रीय बागवानी बोर्ड
National Horticulture Board

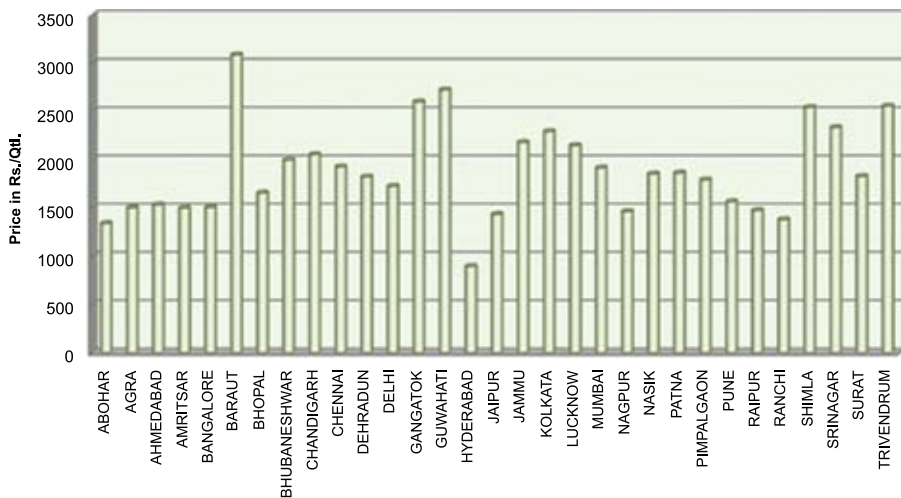
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF TOMATO DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qn.
Total Arrival in MT.

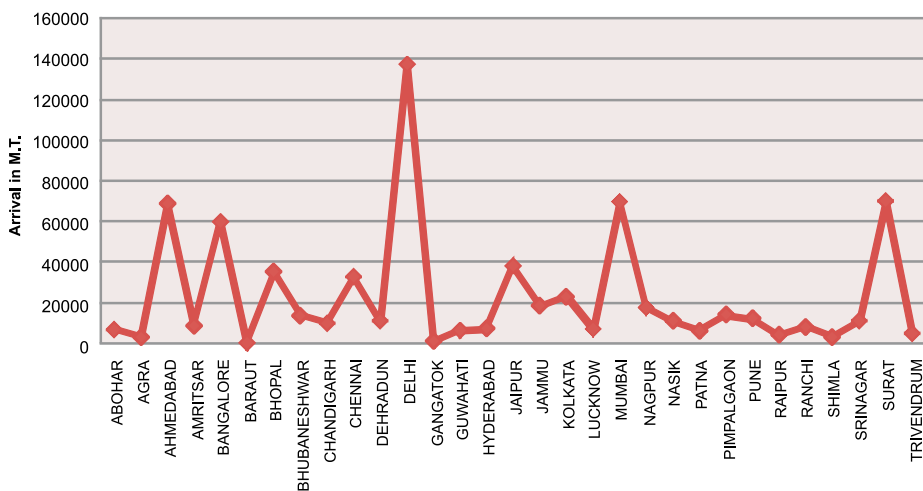
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual	
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival		
ABOHR	906	841	921	678	1294	756	1262	558	1173	561	1433	337	1750	5	1633	660	1489	955	1235	1061	1657	385	0	0	1341	6797
AGRA	0	0	0	0	0	0	1097	912	1166	591	1236	739	2038	552	1983	227	0	0	0	0	0	0	0	0	1504	3021
AHMEDABAD	424	3292	504	3398	852	3174	627	4437	1495	6308	2144	7795	2861	7222	1885	7833	1410	8700	1514	6286	3331	5295	1556	4722	1534	68462
AMRITSAR	904	905	955	850	1084	590	1129	560	958	816	652	980	2175	565	1833	504	1342	688	1710	780	3448	574	1815	730	1500	8522
BANGALORE	663	2753	502	3375	498	3114	1037	2493	1779	2763	3112	3567	2687	7524	865	5372	1014	6961	2174	6885	2521	6905	1228	7843	1507	59555
BARAUT	0	0	0	0	0	0	0	0	0	0	0	0	3573	26	3237	23	2430	27	2504	29	3694	25	0	0	3088	130
BHOPAL	402	3698	577	3469	610	3290	487	2811	1290	2375	2023	2770	3131	2191	2770	1841	1676	3593	1815	3257	3439	2740	1658	2882	1657	34917
BHUBANESHWAR	844	1870	759	1210	741	1485	450	75	2131	610	3508	823	3321	1270	2013	1445	1850	1410	2617	1100	3773	900	1963	1395	1998	13593
CHANDIGARH	1319	883	1396	665	1472	743	1620	570	1626	862	1610	867	2818	765	2092	960	2393	939	2331	902	3651	789	2324	813	2054	9758
CHENNAI	1116	3380	838	4140	935	2356	1550	2630	2885	2281	3448	2352	2556	2770	1100	2970	1404	2380	2732	1950	2892	2460	1572	2880	1927	32549
DEHRADUN	1071	1044	1024	845	1328	692	1303	931	1235	1009	1309	899	2346	1147	2154	1022	1913	1018	2048	810	4083	649	2061	869	1823	10935
DELHI	755	17623	665	14830	866	14136	992	12018	1045	8884	1277	10388	2854	7480	2250	11199	2446	9505	2041	10831	3527	9198	1990	10682	1726	136874
GANGATOK	1738	90	1465	91	1450	96	1863	90	3435	64	2800	83	3526	37	3646	39	2748	64	2160	63	2880	72	3508	99	2602	886
GUWAHATI	2438	609	1543	694	762	1292	873	412	1522	337	3114	370	3675	516	3658	347	3404	350	3966	270	4720	303	2827	795	2725	6295
HYDERABAD	0	0	915	3831	773	3125	1000	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	896	7097
JAIPUR	756	4143	796	3546	778	450	0	0	0	0	0	0	2171	1602	1478	6218	1328	7313	1475	7169	2699	3787	1435	3696	1435	37924
JAMMU	1060	1721	1271	1563	1571	1540	1533	1506	1429	1647	1496	1402	3126	1146	2438	1174	2336	1601	2626	1740	4380	1195	2896	2102	2180	18337
KOLKATA	1498	1375	969	2021	1055	1405	793	1597	1591	860	3110	1680	3731	4498	2317	2388	2324	2328	2898	1804	4359	1814	2868	1224	2293	22794
LUCKNOW	1088	220	0	0	0	0	919	477	1107	143	1924	582	4150	548	2048	884	2076	980	1679	987	4084	996	2416	1136	2149	6963
MUMBAI	952	6571	998	6068	1089	6374	971	5782	1320	4354	3102	5319	3196	5851	2088	3447	1604	5915	1880	6529	3858	6001	1940	7176	1917	69386
NAGPUR	689	2270	583	2010	455	1940	660	1530	1367	1330	2107	1150	2900	1140	1835	1060	1621	1320	1829	1220	2372	1010	1150	1460	1464	17440
NASIK	668	1831	1192	1134	1415	1064	958	829	1507	659	3149	354	3048	351	1886	959	1633	1079	1837	680	3442	408	1705	1455	1855	10803
PATNA	1042	537	565	770	691	950	709	735	1018	322	2288	330	3540	363	2473	465	2023	565	2322	507	4153	475	1550	30	1865	6049
PIMPALGAON	659	2800	1166	1347	1335	1342	920	1021	1448	785	2996	516	2957	407	1617	1209	1610	1275	1756	975	3386	846	1652	1574	1792	13897
PUNE	666	1029	871	870	866	956	828	745	1343	730	2349	697	2710	485	1916	648	1264	736	1550	1996	2808	1442	1614	1688	1567	12022
RAIPUR	563	372	509	380	629	257	744	246	1516	188	2385	186	2676	272	1676	319	1580	366	1868	365	2386	341	1172	691	1475	3983
RANCHI	479	1266	461	1540	1021	709	638	700	683	473	1203	446	2675	227	1823	369	1398	635	2007	295	2674	415	1491	869	1379	7944
SHIMLA	1235	276	1559	268	1777	317	1730	346	1624	339	1690	271	3813	135	3092	152	2654	197	2838	299	5217	145	3292	172	2543	2917
SHRINAGAR	1331	1280	1492	875	1860	1020	1583	1300	1935	1150	1761	1040	1355	519	1891	895	2590	705	2540	1030	4478	434	3415	854	2336	10902
SURAT	559	6269	704	6135	962	5861	790	6185	1388	5880	3144	4405	3263	5795	1469	5760	1637	5670	2029	6145	4072	5298	1920	6165	1828	69668
TRIVENDRUM	2006	327	1700	403	1405	414	2005	459	2868	382	4043	250	3453	365	1988	350	1960	556	2990	461	3720	350	2553	416	2558	4733



Annual Wholesale Average Price Trend of Tomato-2013



Annual Total Arrival Trend of Tomato-2013





POTATO

Origin	- South America
Major Producing State	- Uttar Pradesh, Bihar, West Bengal, Punjab, Karnataka, Assam & Madhya Pradesh
Latest Production	- 453.44 Lakh Tonnes

Name of Variety

CPRI, Shimla
Kufri Sindhuri
Kufri Chandramukhi

Recommended States

Kufri Jyoti	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Lauvkar	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P., J&K, Tamil Nadu, Karnataka, Gujarat, M.P., Odisha, Chhattisgarh, Kerala and Andhra Pradesh
Kufri Badshah	H.P., J&K, Uttarakhand, A.P., Karnataka, Tamil Nadu, Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, Gujarat, M.P., Odisha, Chhattisgarh, Kerala, Andhra Pradesh and Maharashtra
Kufri Bahar	Tamil Nadu, Karnataka, Gujarat, M.P., Odisha, Chhattisgarh, Kerala, Andhra Pradesh, Rajasthan, U.P., Bihar and Maharashtra
Kufri Swarna	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P., J&K, Tamil Nadu, Karnataka, Gujarat, M.P., Odisha, Chhattisgarh, Kerala and Andhra Pradesh
Kufri Ashoka	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Pukhraj	Andhra Pradesh, Karnataka, Tamil Nadu and Kerala
Kufri Chipsona-1	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Kanchan	West Bengal and Sikkim
Kufri Arun	Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Pushkar	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Shailja	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Chipsona-3	Bihar, Punjab, Maharashtra, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Surya	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P., J&K, Tamil Nadu, Karnataka, Gujarat, M.P., Odisha, Chhattisgarh, Kerala, Andhra Pradesh and Maharashtra
Kufri Himalini	H.P., J&K and Uttarakhand
Kufri Himsona	H.P., J&K, Uttarakhand, Arunachal Pradesh, Assam, Manipur, Meghalaya, Andhra Pradesh, Tamil Nadu, Kerala, Karnataka, Gujarat, Madhya Pradesh, Chhattisgarh, Bihar, Rajasthan, Mizoram, Nagaland, Sikkim, Tripura and West Bengal
Kufri Sadabahar	Uttar Pradesh, Uttarakhand, Bihar, Madhya Pradesh, Rajasthan, Delhi, Haryana, Jharkhand
Kufri Girdhari	H.P., J&K, Uttarakhand, Arunachal Pradesh, Assam, Manipur, Meghalaya, Andhra Pradesh, Tamil Nadu, Kerala, Karnataka, Gujarat, Madhya Pradesh, Chhattisgarh, Bihar, Rajasthan, Mizoram, Nagaland, Sikkim, Tripura and West Bengal
Kufri Khyati	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Frysona	Bihar, Punjab, Rajasthan, U.P., West Bengal, Delhi, Haryana, H.P. and J&K
Kufri Chipsona-4	Madhya Pradesh, West Bengal, Karnataka and Maharashtra



Major Potato Growing Belts in India:

Andhra Pradesh	:	Medak, Chittoor
Assam	:	Shivsagar, Darrang, Barpeta, Kamroop, Dhubri, Kokrajhar, Bongaigaon, Sonitpur, Nagagaon
Bihar	:	Patna, Nalanda, Bhojpur, Buxar, Rohtas, Kaimur, Gaya, Jehanabad, Arwal, Nawada, Aurangabad, Saran, Siwan, Gopalganj, East Champaran, West Champaran, Muzaffarpur, Sitamarhi, Sheohar, Vaishali, Bhagalpur, Banka, Munger, Sheikhpura, Lakhisarai, Jamui, Khagaria, Darbhanga, Madhubani, Samastipur, Begusarai, Purnea, Araria, Kishanganj, Katihar, Saharsa, Madhepura, Supaul
Chhattisgarh	:	Raipur, Baloda Bazar, Gariaband, Mahasamund, Durg, Bemetara, Rajnandgaon, Bilaspur, Mungeli, Janjgir-Champa, Korba, Raigarh, Jashpur, Surguja, Surajpur, Balrampur, Koriya, Dhamtari, Jagdalpur
Gujarat	:	Kheda, Gandhinagar, Patan, Mehsana, Sabarkantha, Banaskantha
Haryana	:	Panchkula, Ambala, Yamunanagar, Kurukshetra, Kaithal, Karnal, Panipat, Sonapat, Rohtak, Faridabad, Hisar, Fatehabad, Jind
Himachal Pradesh	:	Lahul & spiti (Lahul, Keylong, Kazza), Shimla (Rohroo, Theog), Una (Una, Haroli, Gagret, Amb)
Jharkhand	:	Ranchi (Bero), Ramgarh (Gola), Hazaribagh, Dumka, Gumla
Karnataka	:	Kolar, Belgaum, Dharwad, Hassan, Chikmagalur, Chikkaballapur, Bengaluru Rural
Madhya Pradesh	:	Shajapur, Jabalpur, Indore, Chhindwara, Satna, Dewas, Morena, Sagar, Damoh, Ujjain, Bhopal, Khandwa, Dhar, Kargone, Mandsaur, Ratlam
Maharashtra	:	Satara, Pune, Buldhana, Gondia, Wardha, Parbhani, Kolhapur, Wasim, Ahmednagar
Meghalaya	:	East Khasi Hills, West Khasi Hills, Jaintia Hills, East Garo Hills, West Garo Hills and South Garo Hills
Mizoram	:	Aizawl, Khawzawi, Lunglei, Saiha
Nagaland	:	Kohima, Wokha, Mokochung, Zunheboto, Tuensang, Phek, Dimapur
Odisha	:	Puri (Nimapara), Cuttack (Baialish Mouza, Tigiria), Khordha (Balipatna), Koraput (Semiliguda, Potangi, Nandapur)
Punjab	:	Jalandhar (East Jalandhar, West Jalandhar, Bhogpur), Hoshiarpur (Hoshiarpur 1, Hoshiarpur 2, Haryana), Kapurthala (Kapurthala, Sultanpur Lodhi)
Rajasthan	:	Bharatpur, Dholpur
Sikkim	:	North, South, East and districts of Sikkim
Tamil Nadu	:	Dhindigul, Erode, Nilgiris
Tripura	:	West, South, Dhalai & North Districts
Uttar Pradesh	:	Agra, Firozabad, Kannauj, Hathras, Farrukhabad, Aligarh, Etawah, Badaun, Kanpur Nagar, Mainpuri, Allahabad, Mathura, Jaunpur, Hardoi, Barabanki, Moradabad, Shahjahanpur, Ghaziabad, Pratapgarh, Fatehpur, Auraiya, Kaushambi, Kanpur Dehat
Uttarakhand	:	Almora, Chamoli, Champawat, Dehradun, Haridwar, Nainital, Pithoragarh, Tehri, Udham Singh Nagar, Uttarkashi, Pauri
West Bengal	:	Hooghly, Bardhaman, Khabra, Paschim Medinipur, Bankura
Advanced Technology	-	Use of TPS (True Potato Sees)

Storage conditions

	Fresh	Frozen
Temperature	: 3-4° C	-23 to -18° C
Relative Humidity	: 90-95%	Vapor-tight Packing
Storage Period	: 5-10 months	1 year +
Sensibility to	-	Refrigeration and Freezing



HARVESTING SEASON OF POTATO

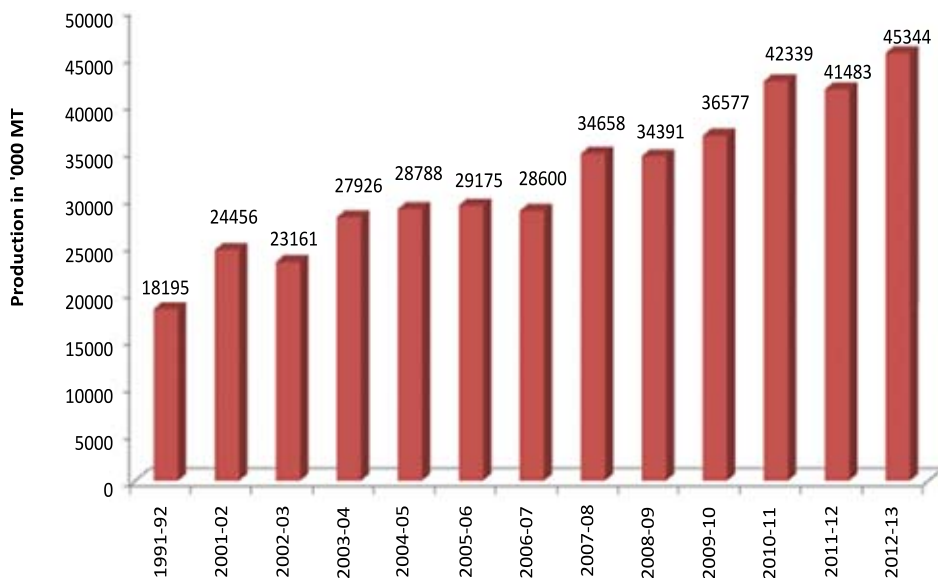
STATE/UT'S	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ANDHRA PRADESH												
ARUNACHAL PRADESH												
ASSAM												
BIHAR												
CHHATTISGARH												
DELHI												
GOA												
GUJARAT												
HARYANA												
HIMACHAL PRADESH												
JAMMU & KASHMIR												
JHARKHAND												
KARNATAKA												
KERALA												
MADHYA PRADESH												
MAHARASHTRA												
MANIPUR												
MEGHALAYA												
MIZORAM												
NAGALAND												
ODISHA												
PUNJAB												
RAJASTHAN												
SIKKIM												
TAMIL NADU												
TRIPURA												
UTTAR PRADESH												
UTTARAKHAND												
WEST BENGAL												
ANDAMAN & NICOBAR												
CHANDIGARH												
DADAR & NAGAR HAVELI												
DAMAN & DIU												
LAKSHADWEEP												
PUDUCHERRY												
*INFORMATION NOT AVAILABLE ROUND THE YEAR PEAK SEASON LEAN SEASON												
Source : Director of Horticulture / Agriculture of respective State / UT's												



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF POTATO

YEAR	AREA (IN '000 HA)	%OF TOTAL VEG. AREA	PRODUCTION (IN '000 MT)	%OF TOTAL VEG. PRODUCTION	PRODUCTIVITY (IN MT/HA)
1991-92	1135.1	20.3	18195.0	31.1	16.0
2001-02	1259.5	20.5	24456.1	26.1	19.4
2002-03	1337.2	22.0	23161.4	27.3	17.3
2003-04	1484.7	23.5	27925.8	30.0	18.8
2004-05	1523.9	22.6	28787.7	28.4	18.9
2005-06	1569.2	21.9	29174.6	26.4	18.6
2006-07	1743.0	23.0	28600.0	24.9	16.4
2007-08	1795.0	22.9	34658.0	27.0	19.3
2008-09	1828.0	22.9	34391.0	26.6	18.8
2009-10	1835.3	23.0	36577.3	27.3	19.9
2010-11	1863.0	21.9	42339.0	28.9	22.7
2011-12	1907.0	21.2	41482.8	26.5	21.8
2012-13	1992.2	21.6	45343.6	28.0	22.8

PRODUCTION TREND OF POTATO



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF POTATO

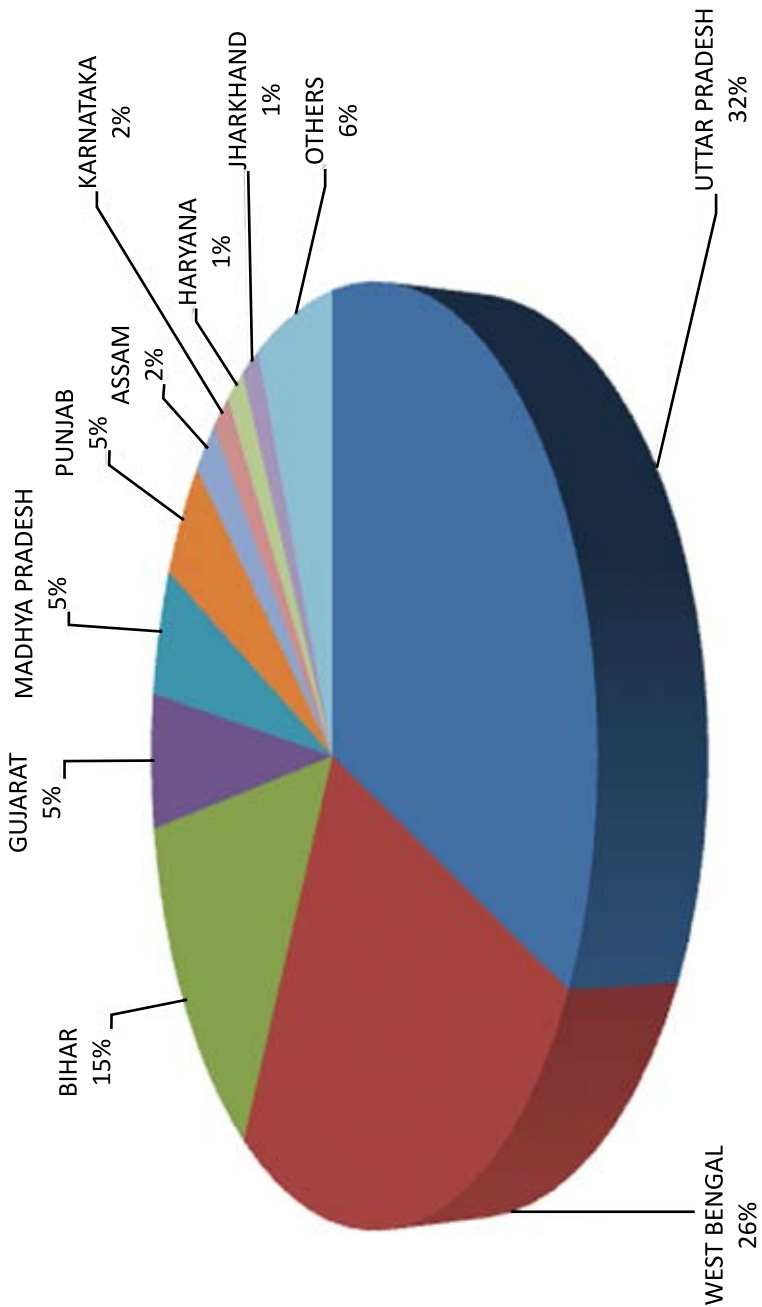
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
UTTAR PRADESH	556.5	13576.6	24.4	567.7	14125.1	24.9	603.76	14430.28	23.9
WEST BENGAL	406.3	13391.2	33.0	376.8	9693.3	25.7	386.61	11591.30	30.0
BIHAR	314.2	5784.3	18.4	315.2	6101.7	19.4	322.46	6640.55	20.6
GUJARAT	65.3	1881.8	28.8	80.7	2395.0	29.7	81.27	2499.73	30.8
MADHYA PRADESH	62.0	743.0	12.0	88.0	1816.7	20.6	108.87	2299.00	21.1
PUNJAB	83.6	2088.4	25.0	84.1	2104.0	25.0	85.25	2132.31	25.0
ASSAM	86.7	737.6	8.5	89.4	783.4	8.8	99.77	975.27	9.8
KARNATAKA	40.0	400.8	10.0	45.2	483.0	10.7	44.40	698.30	15.7
HARYANA	26.8	598.2	22.3	27.8	618.9	22.2	29.47	676.02	22.9
JHARKHAND	43.2	655.5	15.2	45.8	652.8	14.3	47.21	659.61	14.0
OTHERS	178.5	2482.1	13.9	186.5	2709.0	14.5	183.1	2741.2	15.0
TOTAL	1863.2	42339.4	22.7	1907.0	41482.8	21.8	1992.2	45343.6	22.8

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING POTATO PRODUCING STATES (2012-13)





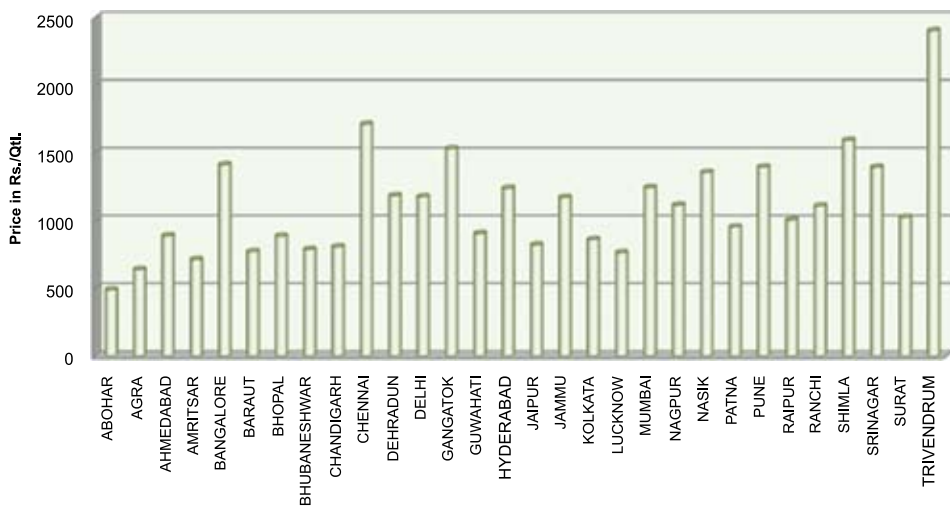
MONTHLY AVERAGE WHOLESALE PRICE & TOTAL ARRIVAL OF POTATO DURING THE PERIOD OF JANUARY TO DECEMBER-2013

Average wholesale price in Rs./Qlt.
Total Arrival in M.T.

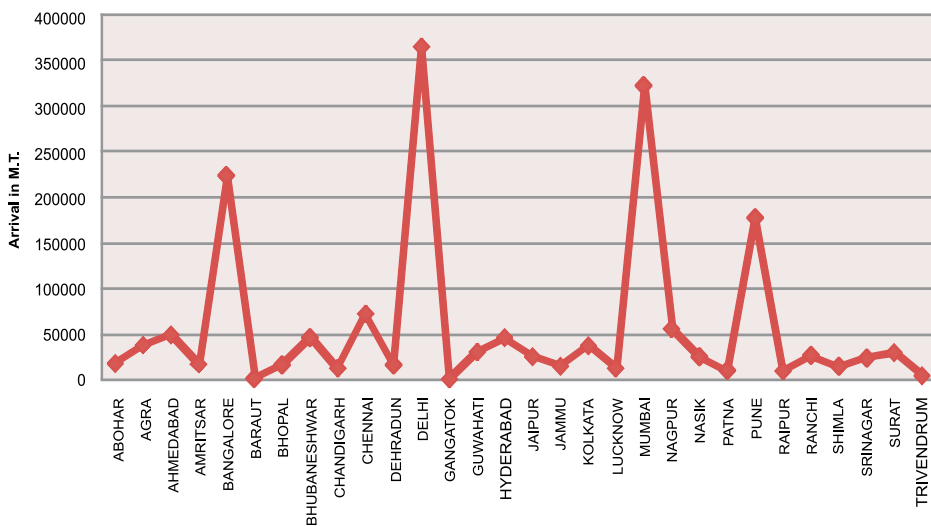
Center name	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		Annual						
	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival	Price	Arrival							
ABOHR	452	2664	398	2509	416	2460	343	1641	345	1483	443	860	550	200	498	1420	509	1174	486	2728	949	934	0	0	490	18073					
AGRA	542	10147	561	8323	528	8176	702	8352	863	2867	0	0	0	0	0	0	0	0	0	0	0	0	0	0	639	37865					
AHMEDABAD	1200	271	602	11677	674	14539	991	13173	973	9643	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	888	49303				
AMRITSAR	544	4045	570	3930	542	3050	675	1560	786	1091	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	888	49303				
BANGALORE	1623	8255	1293	9063	1156	9675	1400	9072	1448	10413	1534	14690	1281	25681	930	37716	868	37656	1385	23010	2023	18836	1986	19569	1411	223636					
BARAUT	626	370	729	349	758	364	783	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	962	376	772	1551			
BHOPAL	756	3701	717	3496	771	3565	752	2668	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1430	3177	885	16607			
BHUBANESHWAR	901	3120	668	6390	613	12630	743	10850	902	12550	900	650	0	0	0	0	0	0	0	0	0	0	0	0	0	788	46180				
CHANDIGARH	512	2265	550	2217	621	1962	749	1687	873	1572	1188	32	0	0	0	0	0	0	0	0	0	0	0	0	922	922	2130	806	12767		
CHENNAI	1933	5270	1558	6500	1326	6398	1540	5920	1562	6090	1717	5410	1661	6400	1460	5950	1354	6140	1672	6150	2550	5380	2204	6730	1711	72338					
DEHRADUN	689	3201	699	1828	708	2071	752	2013	888	1953	1000	87	1514	778	1582	628	1634	629	1874	616	1920	1074	939	1807	1183	16695					
DELHI	645	33099	646	28783	656	29801	866	30733	946	27649	1247	24013	1416	29029	1334	27648	1539	30024	1869	33692	1742	36346	1221	34299	1177	365116					
GANGATOK	1586	111	1060	132	992	127	1000	121	1473	119	0	0	0	0	1800	3	0	0	0	0	0	0	0	0	2800	4	1530	617			
GUWAHATI	775	6530	564	6410	542	9280	634	5830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2006	2494	904	30544			
HYDERABAD	1335	3396	1162	4994	1094	4244	1243	3901	1340	3020	1465	1688	1122	2377	1029	5561	1013	5823	1168	3882	1550	3613	1336	3456	1238	45975					
JAIPUR	598	4211	627	3546	631	4000	758	2743	898	4308	885	2706	0	0	0	0	0	0	0	0	0	0	0	0	361	943	3458	821	25333		
JAMMU	892	2049	833	1807	808	1485	913	1435	1100	36	1198	279	1165	1439	1219	1206	1280	1022	1684	709	1998	1185	1160	2378	1171	14630					
KOLKATA	799	4902	630	7047	531	8991	743	7567	911	2664	0	0	0	0	830	2684	833	1701	0	0	0	0	0	0	1609	2070	861	37626			
LUCKNOW	500	4036	573	3246	593	2511	703	868	0	0	0	0	0	0	950	30	0	0	0	0	0	0	0	0	1125	1986	763	12722			
MUMBAI	1273	31740	1083	26404	954	27348	1212	25393	1243	20506	1192	27135	1040	31122	1065	16282	1063	25251	1377	30125	1815	27680	1610	34152	1244	323138					
NAGPUR	934	6800	900	920	1000	510	1015	4880	1069	6160	1187	4680	1041	4070	935	7820	1058	5500	1084	5170	1542	4560	1597	4850	1114	55920					
NASIK	1333	2720	1309	2703	1080	3456	1047	2747	1348	1858	1336	1338	1193	1655	1175	2235	1296	2876	1346	1970	2003	960	1809	715	1355	25233					
PATNA	770	2959	675	1265	591	1205	724	1210	763	864	0	0	0	0	850	45	0	0	0	0	0	0	0	0	1771	365	1487	2250	954	10163	
PUNE	1185	13027	1190	13739	1158	13040	1265	14654	1398	15488	1276	14645	1290	14698	1279	13177	1232	18630	1452	18504	2021	13443	1995	15148	1395	178193					
RAIPUR	853	2281	756	2411	768	1440	851	1345	950	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1842	1954	1003	9544			
RANCHI	822	5360	775	4906	770	4543	763	4960	825	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	321	1669	1737	1592	4330	1108	26407
SHIMLA	878	818	1166	689	1227	734	1316	770	1348	769	1590	576	2017	4905	2006	632	1909	559	1836	2804	2325	519	1492	808	1593	14563					
SRINAGAR	1071	2350	1334	1130	1554	1760	1403	3200	1437	2595	1280	2380	1293	1810	1207	1700	1398	2130	1245	2220	1794	1501	1714	1166	1394	23942					
SURAT	1093	5460	971	6640	783	5775	1124	6260	1148	6188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1024	30323				
TRIVENDRUM	2482	332	2311	370	1879	371	2084	450	2303	358	2410	266	2350	424	2356	387	1948	544	2208	571	3489	420	2984	387	2400	4890					



Annual Wholesale Average Price Trend of Potato-2013



Annual Total Arrival Trend of Potato-2013





SWEET POTATO

It is grown as a starch food crop throughout the tropical, subtropical and frost-free temperate climatic zone in the world.

Major Producing State - Orissa, Bihar, Uttar Pradesh & Madhya Pradesh

Latest Production - 11.32 Lakh Tonnes

Post Harvest Management:

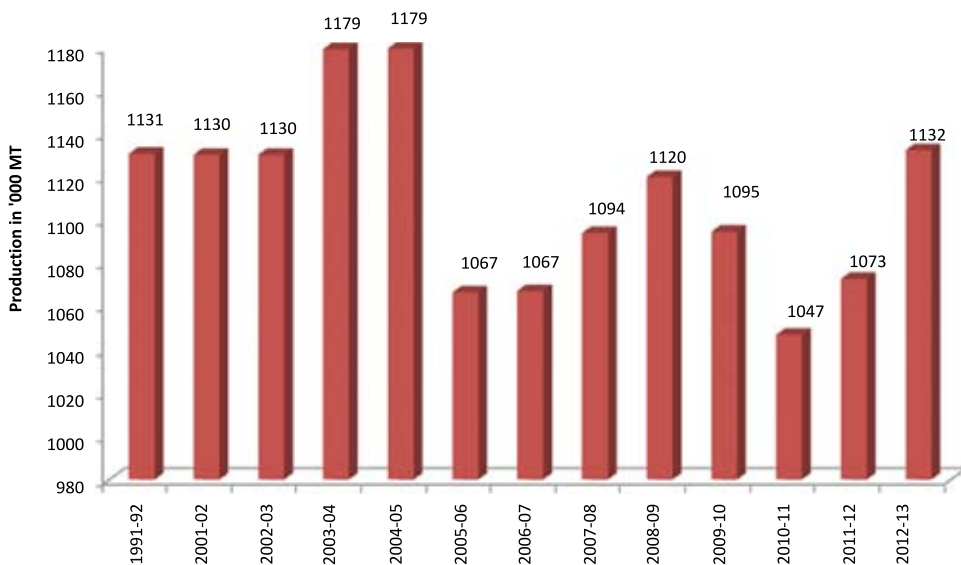
After harvest, tubers are spread in the partial shade for 5-6 days, for healing & curing. They should be stored in semi-dark condition in a well-ventilated room. This type of storage invites infestation of pest and diseases. In some part of the country tubers are stored in a layer of dry sand/soil after curing under ambient condition. For storing, graded tubers free from sweet potato weevil and bruises should be selected. Farmers store the graded tubers by keeping in a pit shade and covering the pit with paddy straw. Finally, the heap is plastered with mud or cow dung slurry.



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF SWEET POTATO

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000MT)	PRODUCTIVITY (IN MT/HA)
1991-92	136.5	1130.7	8.3
2001-02	131.9	1130.3	8.6
2002-03	131.9	1130.3	8.6
2003-04	133.1	1179.1	8.9
2004-05	133.3	1179.4	8.8
2005-06	122.8	1066.5	8.7
2006-07	123.0	1067.2	8.7
2007-08	123.0	1094.0	8.9
2008-09	124.0	1120.0	9.0
2009-10	118.9	1094.7	9.2
2010-11	113.0	1047.0	9.3
2011-12	110.4	1072.8	9.7
2012-13	111.8	1132.4	10.1

PRODUCTION TREND OF SWEET POTATO



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF SWEET POTATO

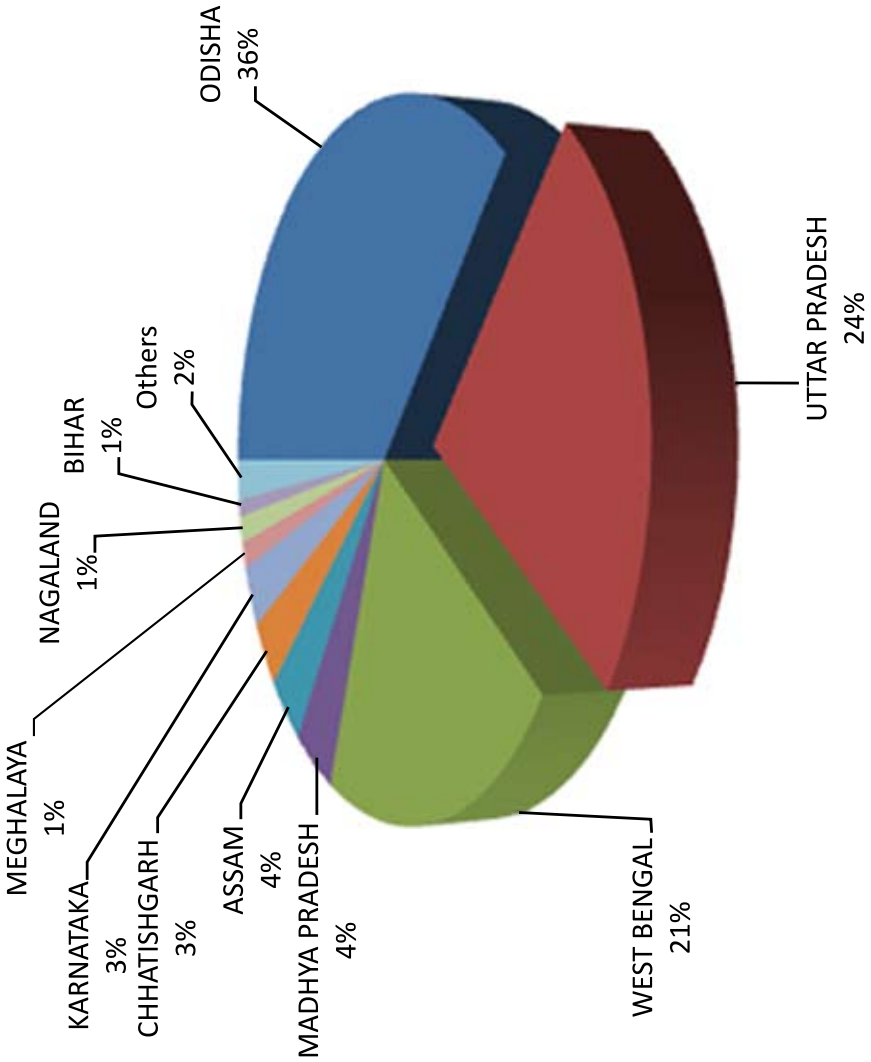
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
ODISHA	44.1	410.2	9.3	43.8	412.7	9.4	43.46	410.10	9.4
UTTAR PRADESH	16.8	206.6	12.3	17.4	226.0	13.0	18.83	264.83	14.1
WEST BENGAL	22.9	235.7	10.3	23.0	237.0	10.3	22.90	236.10	10.3
MADHYA PRADESH	5.1	29.7	5.8	2.2	24.1	11.0	2.51	45.00	17.9
ASSAM	9.1	35.1	3.9	9.3	36.4	3.9	9.62	40.97	4.3
CHHATISHGARH	3.7	36.7	9.9	3.6	35.6	10.0	3.71	37.80	10.2
KARNATAKA	2.6	33.5	12.8	2.7	35.5	13.1	2.50	34.70	13.9
MEGHALAYA	5.5	19.2	3.5	4.4	14.6	3.3	4.44	15.06	3.4
NAGALAND	0.1	0.4	4.0	0.9	9.2	9.8	1.50	15.00	10.0
BIHAR	0.4	8.3	20.3	0.5	9.5	20.8	0.47	9.83	21.0
OTHERS	2.9	31.1	10.8	2.7	32.3	11.8	1.8	23.0	12.6
TOTAL	113.2	1046.6	9.2	110.4	1072.8	9.7	111.8	1132.4	10.1

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING SWEET POTATO PRODUCING STATES (2012-13)





TAPIOCA

Cassava (*Manihot esculenta*). Popularly known as Tapioca, produces more calories/ unit area.

Major Producing Status : Tamil Nadu, Karnataka and Andhra Pradesh

Main Varieties : Co 1, Co 2, Co 3, H 97, H 165, H 226, KMC 1, M4, Nidhi, Sree Harsha, Sree Prakash, Sree Sahya, Sree Visakham

Latest Production : 72.37 Lakh Tones

HARVESTING AND POSTHARVEST MANAGEMENT:

The crop is ready 10-11 months after planting. Short duration varieties can be harvested 6-7 months after planting. Delay in harvesting may result in deterioration in cooking quality of the tubers. High- yielding varieties produce 35-40 tones/ha in 10 -11 months. Whereas short –duration ones (6-7 months) yield 28-30 tones/ha.

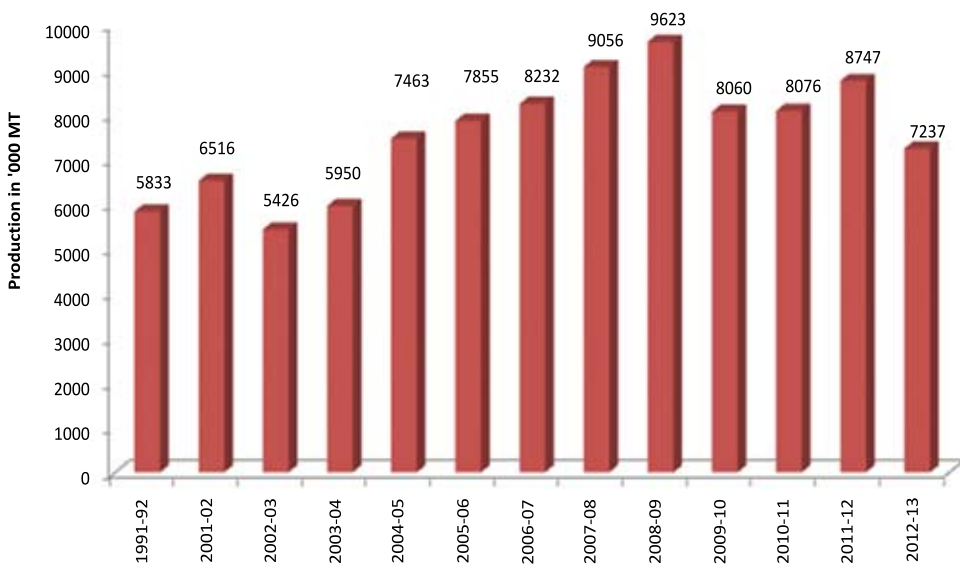
About 70% of the total cassava production is used as food either directly or in processed form. Parboiled chips is a method of processing cassava tuber for storage. These chips are harder than the lain sundried chips due to the partial gelatinization. They can be stored for a longer period than sun dired chips. ‘Sago’ is an important food product derived form cassava starch.



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF TAPIOCA

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000MT)	PRODUCTIVITY (IN MT/HA)
1991-92	250.9	5832.5	23.2
2001-02	238.9	6515.9	27.3
2002-03	207.0	5426.2	26.2
2003-04	220.0	5949.6	27.0
2004-05	244.7	7462.8	30.5
2005-06	244.6	7854.9	32.1
2006-07	255.0	8232.0	32.3
2007-08	270.0	9056.0	33.5
2008-09	280.0	9623.0	34.4
2009-10	231.9	8059.9	34.8
2010-11	221.0	8076.0	36.5
2011-12	226.7	8746.5	38.6
2012-13	207.0	7236.6	35.0

PRODUCTION TREND OF TAPIOCA



Source : Director of Horticulture / Agriculture of respective State / UT's

STATEWISE AREA, PRODUCTION AND PRODUCTIVITY OF TAPIOCA

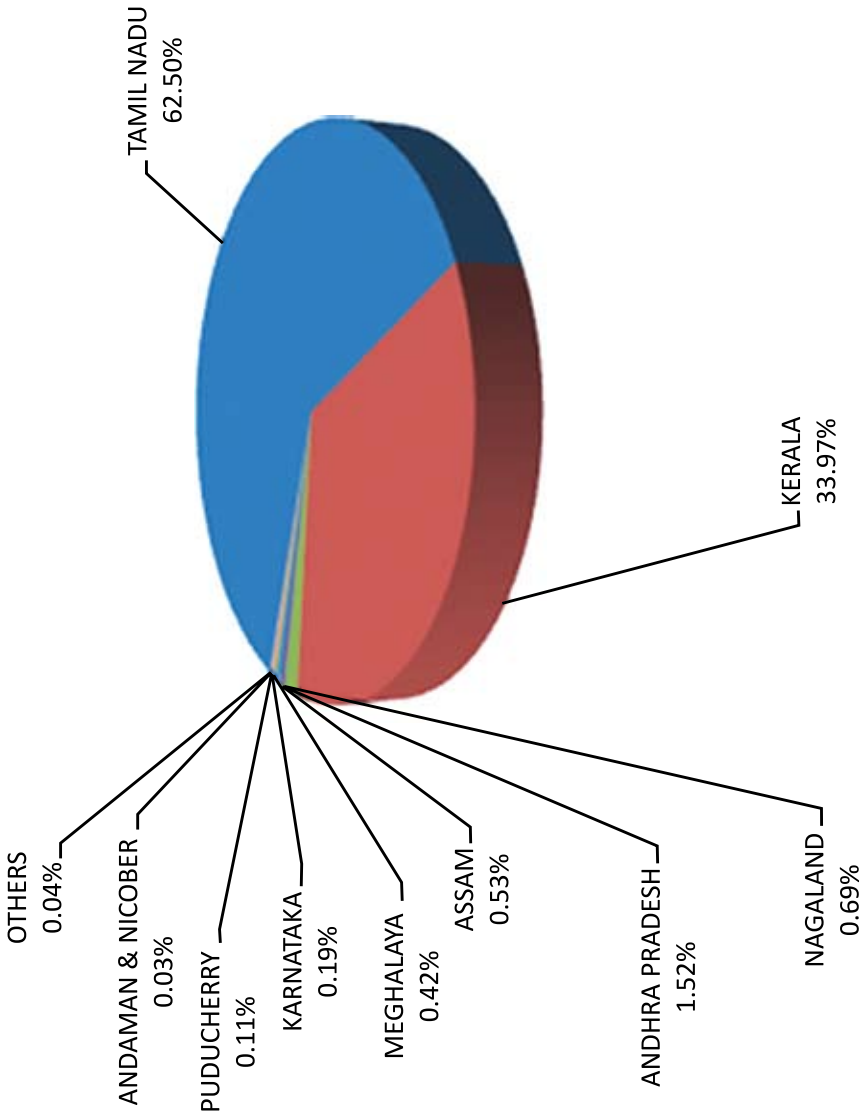
Area in '000 HA, Production in '000 MT and Productivity = MT/HA

STATE	2010-11			2011-12			2012-13		
	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.	AREA	PRODUCTION	PDY.
TAMIL NADU	134.6	5522.7	41.0	140.0	5964.5	42.6	113.77	4523.23	39.8
KERALA	72.3	2409.0	33.3	72.5	2637.2	36.4	69.58	2458.52	35.3
ANDHRA PRADESH	3.0	60.9	20.0	3.1	61.8	20.0	5.49	109.84	20.0
NAGALAND	1.0	6.0	6.0				6.00	50.00	8.3
ASSAM	4.2	32.0	7.6	4.3	33.5	7.9	4.48	38.31	8.6
MEGHALAYA	4.9	26.4	5.4	5.3	28.2	5.3	5.60	30.05	5.4
KARNATAKA	0.9	12.3	13.4	1.0	12.8	12.8	1.10	13.90	12.6
PUDUCHERRY	0.2	4.0	25.0	0.2	5.5	24.9	0.45	7.69	17.0
ANDAMAN & NICOBAR	0.3	2.2	7.7	0.3	2.1	7.6	0.27	2.12	7.9
OTHERS	0.1	0.7	14.6	0.1	1.1	11.9	0.2	2.9	14.0
TOTAL	221.4	8076.0	36.5	226.7	8746.6	38.6	207.0	7236.6	35.0

Source : Director of Horticulture / Agriculture of respective State / UT's



LEADING TAPIOCA PRODUCING STATES (2012-13)





ARECANUT

Arecanut or betnut or supari is chewed both as raw nut and after processing. Owing to the medicinal properties. It is used in treating leucoderma, cough, fits, worms, anemia and obesity.

Major Producing States : Kerala, Karnataka, Assam, West Bengal and Tamil Nadu.

Latest Production : 6.08 Lakh Tonnes

Name of Variety

Recommended States

Mangala	Karnataka, Kerala, Assam, Meghalaya, Maharashtra, Andhra Pradesh, Odisha, Tamil Nadu, Tripura, West Bengal, Puducherry, Goa and Andaman & Nicobar Islands
Sumangala	Kerala, Karnataka, Assam, Meghalaya, Maharashtra, Andhra Pradesh, Odisha, Tamil Nadu, Tripura, West Bengal, Puducherry, Goa and Andaman & Nicobar Islands
Sreemangala	Kerala, Karnataka, Assam, Meghalaya, Maharashtra, Andhra Pradesh, Odisha, Tamil Nadu, Tripura, West Bengal, Puducherry, Goa and Andaman & Nicobar Islands
Mohitnagar	West Bengal, Karnataka, Kerala, Assam, Meghalaya, Maharashtra, Andhra Pradesh, Odisha, Tamil Nadu, Tripura, West Bengal, Puducherry and Andaman & Nicobar Islands
Swarnamangala	Karnataka, Kerala, Meghalaya, Odisha, Maharashtra, Andhra Pradesh, Tamil Nadu, Tripura, West Bengal, Puducherry and Andaman & Nicobar Islands
Kahikuchi	Assam and Meghalaya
VTLAH-1	Kerala, Karnataka, Meghalaya, Maharashtra, Andhra Pradesh, Odisha, Tamil Nadu, Tripura, West Bengal, Puducherry, Goa and Andaman & Nicobar Islands
VTLAH-2	Kerala, Karnataka, Meghalaya, Maharashtra, Andhra Pradesh, Odisha, Tamil Nadu, Tripura, West Bengal, Puducherry, Goa and Andaman & Nicobar Islands

Dr. Balasaheb Sawant Konkan Krishi Vidhyapeeth, Dapoli, Maharashtra

Shreewardhanee Maharashtra

Major Arecanut Growing Belts in India :

Andaman & Nicobar Islands :	All parts of Andaman & Nicobar Islands
Andhra Pradesh :	Vizianagaram, West Godavari, Krishna, Anantapur
Assam :	Barpeta, Baksa, Bongaigaon, Chirang, Dibrugarh, Goalpara, Golaghat, Jorhat, Kamrup, Kokrajhar, Lakhimpur, Nagaon, Nalbari, Sonitpur, Tinsukia, Udalguri
Karnataka :	Tumkur, Chikmagalur, Bengaluru, Shimoga, Uttara & Dakshina Kannada, Udipi, Chitradurga, Davanagere
Kerala :	Kasaragod, Kannur, Malapuram, Palakkad, Kozhikode, Wayanad, Ernakulam, Thrissur
Maharashtra :	Ratnagiri, Sindudurg, Raigad, Thane
Meghalaya :	East Khasi Hills, Jaintia Hills, West Garo Hills, East Garo Hills
Odisha :	Balasore, Bhadrak, Cuttack, Dhenkanal, Ganjam, Jagatsinghpur, Jajapur (Jajpur), Puri
Puducherry :	Mahe
Tamil Nadu :	Salem, Coimbatore, Kanyakumari, Namakkal, Dharmapuri, Erode
Tripura :	Dhalai, North, South & West Districts
West Bengal :	Jalpaiguri, Cooch Behar, 24 Parganas (North & South), Howrah, Nadia, Darjeeling

POSTHARVEST MANAGEMENT

The most important trade types of arecanuts are dried ripe nuts (chali or kotapak), kalipak and scented supari. To prepare chali or Kotpak, ripe nuts are dried under the sun for 35-40 days. These are then dehusked and marketed as whole nuts. A mechanical through flow drier as well as a dehusing device have been developed. The well known grades of chali in decreasing order of sizes are moti, srivardhan, Jamnagar and jinni.

Kalipak is processed in Kerala and Karnataka. Lylon, mainly consumed in Tamil Nadu and Andhra Pradesh. Nuli is a variety made from very tender nuts. Scented supari, popular in north and central India, is of chali and kalipak types.

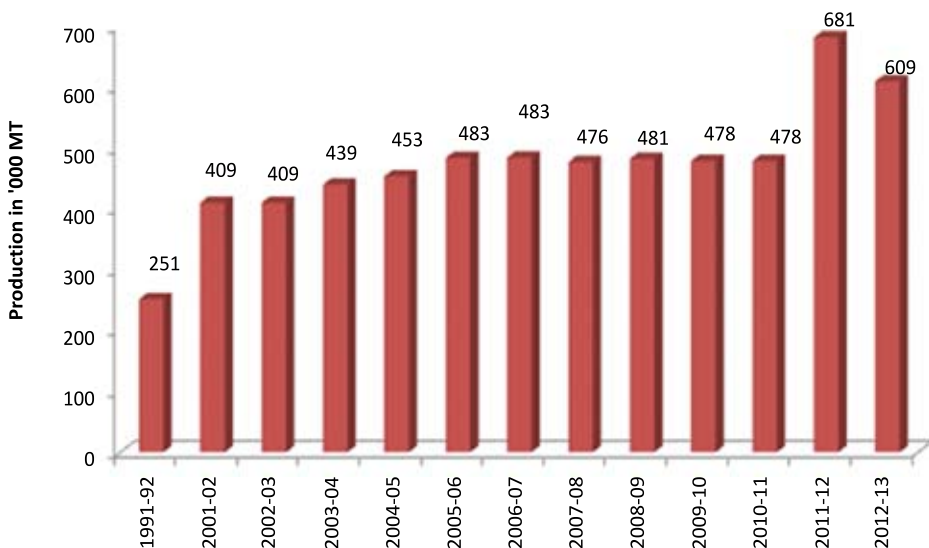
Scented supari, popular in north and central India, is of two types. The first is made from chali and the other from kalipak. Chali and ripe arecanut which leave a large fibrous residue in the mouth are used along with betel leaf and slaked lime.



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF ARECANUT

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000MT)	PRODUCTIVITY (IN MT/HA)
1991-92	221.8	251.0	1.1
2001-02	334.8	409.3	1.2
2002-03	334.8	409.3	1.2
2003-04	365.0	439.2	1.2
2004-05	364.3	452.7	1.2
2005-06	381.1	483.1	1.3
2006-07	382.7	483.3	1.3
2007-08	386.6	476.0	1.2
2008-09	387.1	481.3	1.2
2009-10	400.1	478.0	1.2
2010-11	400.1	478.1	1.2
2011-12	463.9	680.7	1.5
2012-13	446.4	608.7	1.4

PRODUCTION TREND OF ARECANUT



Source : Directorate of Arecanut and Spices Development



CASHEWNUT

It is cultivated widely throughout the tropics for its kernels. In India It is grown in the west coast, east coast and a few plain areas parts in Karnataka and Madhya Pradesh. The highest productivity is noticed in Maharashtra.

Latest Production	: 7.53 Lakh Tonnes
Name of Variety	Recommended States
Madakkathara-1	Kerala
Madakkathara-2	Kerala
Kanaka	Kerala
Dhana	Kerala, Odisha, Karnataka and Assam
Amrutha	Kerala
Priyanka	Kerala
K-22-1	Kerala
Vengurla-4	Maharashtra, Andhra Pradesh, Karnataka, Goa, Odisha, Gujarat, Jharkhand, Assam, Chhattisgarh, Meghalaya, Tripura, Andaman & Nicobar Islands, Puducherry and West Bengal
Vengurla-6	Maharashtra
Vengurla-7	Maharashtra, Karnataka, Goa, Assam, Meghalaya, Tripura, Gujarat, Andaman & Nicobar Islands and Puducherry
BPP-4	Andhra Pradesh
BPP-6	Andhra Pradesh
BPP-8 (H2/16)	Andhra Pradesh, West Bengal, Odisha, Jharkhand and Chhattisgarh
Vridhachalam-3 (M26/2)	Tamil Nadu, Kerala, Goa, Andaman & Nicobar Islands and Puducherry
Ullal-1	Karnataka
Ullal-2	Karnataka and Assam
Ullal-3	Karnataka, Assam, Meghalaya and Tripura
Ullal-4	Karnataka, Assam, Meghalaya and Tripura
Chintamani-1	Karnataka
Un-50	Karnataka
NRCC-2	Karnataka
Jhargram-1	West Bengal and Odisha
Bhubaneswar-1	Odisha
Goa-1	Goa

Major Cashewnut Growing Belts in India :

Andhra Pradesh	: Srikakulam, Visakhapatnam, East Godavari, West Godavari, Khammam, Vizianagaram
Chhattisgarh	: Bastar Region, Raigarh
Goa	: North and South Goa
Gujarat	: Valsad
Jharkhand	: East & West Singhbhum, Saraikela, Jamtara, Pakur, Dumka, Deoghar
Karnataka	: Kolar, Uttara & Dakshina Kannada, Shimoga, Bidar, Udupi, Belgaum, Chikkaballapur
Kerala	: Kasaragod, Kannur, Malappuram, Kozhikode, Palakkad, Thiruvananthapuram, Kollam



Maharashtra	:	Ratnagiri, Sindhudurg, Raigad, Kolhapur, Thane
Meghalaya	:	East Garo Hills, West Garo Hills
Puducherry	:	Puducherry, Karaikal
Odisha	:	Dhenkanal, Cuttack, Nayagarh, Ganjam, Kendujhar (Keonjhar), Koraput, Jajapur (Jaipur), Mayurbanj, Khurda
Tamil Nadu	:	Cuddalore, Pudukkottai, Tiruchirappalli, Villupuram, Perambalur, Ariyalur
Tripura	:	South Tripura
West Bengal	:	Midnapur (East & West), Purulia

POST HARVEST MANAGEMENT:

Cashewnuts are harvested during February –May. Only fully mature nuts should be harvested. Usually, the nuts are picked after they fall of from the trees. Best quality nuts are obtained where freshly fallen fruits are collected. The apples are removed and the nuts are sun-dried for 2-3 days to reduce moisture from 25% to below 9% with proper drying. The kernels retain their quality, particularly the flavor.

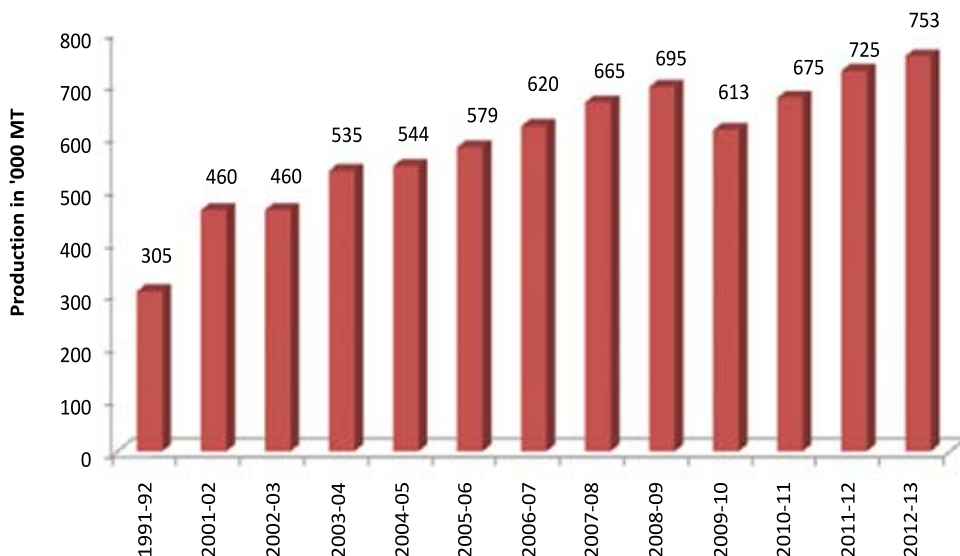
However, if cashew apples are used for processing. It is better to harvest them from the without damaging the apples. The mature nuts sink in water while the immature/unfilled once float. This test could be used to find out whether the nuts are mature or not. The nuts should be collected at weekly interval in the season. Ripe apple for fresh use should be picked almost daily. The area under trees should be weed –free and swept clean to facilitate nut collection.



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF CASHEWNUT

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000MT)	PRODUCTIVITY (IN MT/HA)
1991-92	534	305	0.6
2001-02	740	460	0.6
2002-03	740	460	0.6
2003-04	780	535	0.7
2004-05	820	544	0.7
2005-06	843	579	0.7
2006-07	854	620	0.7
2007-08	868	665	0.8
2008-09	893	695	0.8
2009-10	923	613	0.7
2010-11	953	675	0.7
2011-12	979	725	0.7
2012-13	992	753	0.8

PRODUCTION TREND OF CASHEWNUT



Source : Directorate of Cashew and Cocoa Development



COCONUT

It is a commercial crop in India. Tamil Nadu, Andhra Pradesh, Karnataka and Maharashtra are the major producing states.

Latest Production : 156.09 lakh Tonnes

Name of Variety

Recommended States

West Coast Tall

Kerala, Karnataka, Maharashtra, Goa, Tamil Nadu, Andhra Pradesh, Bihar, Andaman & Nicobar Islands, Gujarat, Lakshadweep and Puducherry

East Coast Tall

Odisha, Assam, West Bengal, Bihar, Andhra Pradesh, Meghalaya and Tripura

Tiptur Tall

Karnataka

Andaman Ordinary

Kerala and Andaman & Nicobar Islands

Gangabondam

Andhra Pradesh

Chowghat Green Dwarf

Kerala, Karnataka, Andhra Pradesh, Tamil Nadu, Odisha, Andaman & Nicobar Islands, West Bengal, Goa, Gujarat, Assam, Bihar and Maharashtra

Malayan Orange Dwarf

Kerala, Karnataka, Andhra Pradesh, Tamil Nadu, Odisha, Andaman & Nicobar Islands and West Bengal

Malayan Green Dwarf

Kerala, Karnataka, Andhra Pradesh, Tamil Nadu, Odisha and West Bengal

Central Plantation Crops Research Institute, Kasaragod, Kerala

Kalpa Pratibha

Kerala, Karnataka, Maharashtra and Tamil Nadu

Kalpa Dhenu

Kerala, Karnataka, Maharashtra, Tamil Nadu and Andaman & Nicobar Islands

Kalpa Mitra

Kerala, Karnataka, Maharashtra, Tamil Nadu and West Bengal

Kalparaksha

Kerala

Kalpa Samrudhi

Kerala and Assam

Kalpa Sankara

Kerala

Kalpasree

Kerala

Kalpatharu

Karnataka, Kerala and Tamil Nadu

Chandra Kalpa

Tamil Nadu, Andhra Pradesh, Maharashtra, Kerala and Karnataka

Kera Chandra

Kerala, Karnataka, Maharashtra, Andhra Pradesh and West Bengal

Chowghat Orange Dwarf

Kerala, Karnataka, Andhra Pradesh, Tamil Nadu, Odisha, Andaman & Nicobar Islands, West Bengal, Goa, Gujarat, Assam, Bihar and Maharashtra

Kera Sankara

Kerala, Andhra Pradesh, Maharashtra and Karnataka

Chandra Sankara

Kerala, Karnataka and Tamil Nadu

Chandra Laksha

Kerala, Lakshadweep and Karnataka

Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu

VPM-3

Tamil Nadu

ALR(CN)-1

Tamil Nadu

VHC1

Tamil Nadu

VHC 2

Tamil Nadu

VHC 3

Tamil Nadu

Junagadh Agricultural University, Junagadh, Gujarat

Kerasagara

Kerala

Coconut Hybrid Mahuva

Gujarat



Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Maharashtra

Pratap Maharashtra

Banawali Maharashtra

Konkan Bhatye

Coconut.Hybrid-1 Maharashtra

Indira Gandhi Agriculture University, Raipur, Chhattisgarh

Indira Nariyal-1 Chhattisgarh

Assam Agricultural University, Jorhat, Assam

Kamrup Assam

Kahikuchi Coconut Hybrid-1 Andhra Pradesh

Dr. Y.S.R. Horticultural University, Tadepalligudem, Andhra Pradesh

Gauthami Ganga Chhattisgarh, Andhra Pradesh, Maharashtra and Tamil Nadu

Godavari Ganga Andhra Pradesh

Kera Bastar Chhattisgarh, Andhra Pradesh, Maharashtra and Tamil Nadu

Coconut Research Station, Veppankulam, Kerala

Kera Keralam Kerala, Tamil Nadu and West Bengal

Kerala Agricultural University, Thrissur, Kerala

Keraganga Kerala

Anandaganga Kerala

Kerasree Kerala

Kerasowbhagya Kerala

Bidhan Chand Krishi Viswavidyalaya, Mohanpur, Nadia, West Bengal

Kalyani Coconut-1 West Bengal

Major Coconut Growing Belts in India:

Andaman & Nicobar Islands : All parts of Andaman & Nicobar Islands

Andhra Pradesh : East Godvari, Guntur, Khammam, Krishna, Kurnool, Nellore, Prakasam, Srikakulam, Visakhapatnam, Vizianagaram, West Godavari

Assam : Barpeta, Baksa, Bongaigaon, Cachar, Chirang, Darrang, Dhemaji, Dhubri, Dibrugarh, Goalpara, Golaghat, Hailakandi, Jorhat, Karbi Anglong, Kamrup, Karimganj, Kokrajhar, Lakhimpur, Marigaon, N.C. Hills, Nagaon, Nalbari, Sibsagar, Sonitpur, Tinsukia, Udalguri

Bihar : Purnia, Saharsa, Katihar, Madhepura, Bhagalpur

Chhattisgarh : Bastar, Jagdalpur, Kondagaon, Narayanpur, Dantewada, Sukma, Bijapur

Goa : North & South Goa

Gujarat : Amreli, Anand, Vadodara, Bharuch, Bhavnagar, Jamnagar, Junagadh, Kutch, Navsari, Porbandar, Surat, Valsad

Karnataka : Bagalkot, Bengaluru (Rural & Urban), Belgaum, Bellary, Bijapur, Chamarajanagar, Chickmagalore, Chickballapur, Chitradurga, Davanagere, Dharwad, Gadag, Gulbarga, Hassan, Haveri, Kodagu, Kolar, Koppal, Mandya, Mysore, Raichur, Ramanagara, Shimoga, Tumkur, Udupi, Uttara & Dakshina Kannada

Kerala : Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Thrissur, Wayanad



Lakshadweep	:	All parts of Lakshadweep
Maharashtra	:	Raigad, Ratnagiri, Sindhudurg, Thane
Meghalaya	:	East Khasi Hills, Jaintia Hills, West Garo Hills, East Garo Hills
Odisha	:	Angul, Balasore, Bargarh, Bhadrak, Balangir, Boudh, Cuttack, Deogarh, Dhenkanal, Gajapati, Ganjam, Jagatsinghpur, Jajapur (Jajpur), Jharsuguda, Kalahandi, Kendrapara, Kendujhar (Keonjhar), Khariar, Khurdha, Koraput, Malkangiri, Mayurbhanj, Nabarangpur, Nayagarh, Nuapada, Phulbani, Puri, Rayagada, Sambalpur, Sundergarh
Puducherry	:	Karaikal, Mahe, Puducherry, Yanam
Tamil Nadu	:	Ariyalur, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kanchipuram, Kanyakumari, Karur, Krishnagiri, Madurai, Nagapattinam, Perambalur, Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Nilgiris, Theni, Tiruchirappalli, Thiruvallur, Tiruvannamalai, Thoothukudi, Tirunelveli, Tiruppur, Vellore, Villupuram, Virudhunagar
Tripura	:	Dhalai District, North, South & West District
West Bengal	:	Bankura, Birbhum, Burdwan, Cooch Behar, Uttar & Dakshin Dinajpur, Darjeeling, Hooghly, Howrah, Jalpaiguri, Malda, Midnapore (East & West), Murshidabad, 24 Parganas (North & South), Nadia, Purulia
Main Varieties	:	There are two type of varieties of coconuts, i.e. Tall and Dwarf. Tall – West Coast Tall, Laccadive Ordinary. East coast Tall and Andaman Ordinary. Dwarf- Chowghat Green Dwarf, Chowghat, Orange Dwarf, Gangabondam and Gudanjali Dwarf.

POST HARVEST MANAGEMENT:

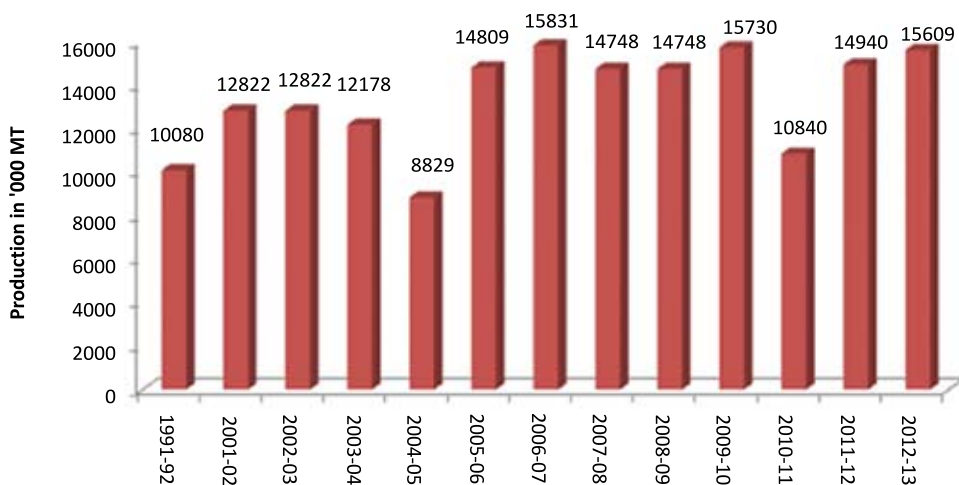
Post Harvest Management of coconut involves its conversion into copra and coconut oil. Coconut husk is used to manufacture coir mat. Cushion and other products. Two forms of copra are manufactured. There are copra and milling copra. However, milling copra is manufactured commercially. Milling copra is most popular coconut is southern state. In Kerala, 60-65 % of the total coconut produced is converted into milling copra.



ALL INDIA AREA, PRODUCTION AND PRODUCTIVITY OF COCONUT

YEAR	AREA (IN '000 HA)	PRODUCTION (IN '000MT)	PRODUCTIVITY (IN MT/HA)
1991-92	1529	10080	7
2001-02	1893	12822	7
2002-03	1893	12822	7
2003-04	1934	12178	6
2004-05	1935	8829	5
2005-06	2029	14809	7
2006-07	1940	15831	8
2007-08	1903	14748	8
2008-09	1903	14748	8
2009-10	1895	15730	8
2010-11	1896	10840	6
2011-12	2071	14940	7
2012-13	2137	15609	7

PRODUCTION TREND OF COCONUT



Source : Coconut Development Board



COCOA

It is an important commercial crop grown the world over. In India, It is being cultivated in Kerala, Karnataka and Tamil Nadu. The current area under cocoa, however, is very small. There is a lot of potential for area expansion as a mixed crop. Kerala accounts for about 76 % of the area and 78% of the total production in the country. The remaining area and productions is contributed by Karnataka. It is being grown in some pockets in Tamil Nadu and Andhra Pradesh also.

Latest Production : 0.13 Lakh Tonnes

Name of Variety **Recommended States**

VTLCC-1 Karnataka, Kerala and Tamil Nadu

VTLCH-1 Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Maharashtra, Goa, Meghalaya, Puducherry, Andaman & Nicobar Islands, Assam, West Bengal and Odisha

VTLCH-2 Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Maharashtra, Meghalaya, Goa, Puducherry, Andaman & Nicobar Islands, Assam, West Bengal and Odisha

VTLCH-3 Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Maharashtra, Goa, Meghalaya, Puducherry, Andaman & Nicobar Islands, Assam and West Bengal

VTLCH-4 Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Maharashtra, Meghalaya, Puducherry, Andaman & Nicobar Islands, Assam, West Bengal and Goa

CCRP-1 Kerala, Karnataka, Tamil Nadu and Andhra Pradesh

CCRP-2 Kerala, Karnataka, Tamil Nadu and Andhra Pradesh

CCRP-3 Kerala and Karnataka

CCRP-4 Kerala, Karnataka, Tamil Nadu and Andhra Pradesh

CCRP-5 Kerala

CCRP-6 Kerala

CCRP-7 Kerala, Karnataka, Tamil Nadu and Andhra Pradesh

CCRP-8 Kerala, Karnataka, Tamil Nadu and Andhra Pradesh

CCRP-9 Kerala, Karnataka, Tamil Nadu and Andhra Pradesh

CCRP-10 Kerala, Karnataka, Tamil Nadu and Andhra Pradesh

Major Cocoa Growing Belts in India :

Andaman & Nicobar Islands: All parts of Andaman & Nicobar Islands

Andhra Pradesh : East Godavari, West Godavari, Visakhapatnam, Vizianagaram, Krishna, Khammam

Assam : Barpeta, Baksa, Bongaigaon, Cachar, Chirang, Darrang, Dhemaji, Dhubri, Dibrugarh, Goalpara, Golaghat, Hailakandi, Jorhat, Karbi Anglong, Kamrup, Karimganj, Kokrajhar, Lakhimpur, Marigaon, N.C. Hills, Nagaon, Nalbari, Sibsagar, Sonitpur, Tinsukia, Udalguri

Goa : North & South Goa

Karnataka : Uttara & Dakshina Kannada, Shimoga, Mysore, Davanagere, Kodagu, Mandya, Chickmagalore, Hassan, Tumkur

Kerala : Idukki, Kottayam, Malappuram, Trissur, Kozhikode, Kasaragod

Maharashtra : Raigad, Ratnagiri, Sindhudurg, Thane

Meghalaya : East Khasi Hills, Jaintia Hills, West Garo Hills, East Garo Hills



Odisha	: Balasore, Bhadrak, Cuttack, Dhenkanal, Ganjam, Jagatsinghpur, Jajapur (Jajpur), Puri
Puducherry	: Karaikal, Mahe, Puducherry, Yanam
Tamil Nadu	: Coimbatore, Erode, Thanjavur, Tiruchirappalli, Salem, Theni, Madurai
West Bengal	: Jalpaiguri, Cooch Behar, 24 Parganas (North & South), Howrah, Nadia, Darjeeling

Main Varieties

There are three types cocoa varieties. They are Criollo, Forastero and Trinitaro . Croillo and Forastero are naturally evolved varieties. Criollo types produced best quality cocoa. Forastero types are sturdy. They survive under adverse conditions. Trinitario types have characters of both these types.

POST HARVEST MANNAGEMENT :

The harvested pods are broken for extraction of beans by hitting them on a hard surface. The beans are then extract excluding the placenta. The pods may be kept up to a week before breaking and extracting beans for fermentations. The fermented beans have a moisture content of about 55%. The beans are to be skin dried within 24 hr, after fermentation to avoid mould growth. During drying biochemical oxidation of excess acetic acid from the bans takes place.

Dry cocoa beans can be store be stored for a long period under suitable conditions. The storage life is decided by the relative humidity and temperature prevaiilling in the store house. It is found that at 85% relative humidity, the bean moisture contents exceeds 8%. The practice followed at present is to shift the beans to other regions of the country where the conditions are suitable.



Indian Noni Cultivation State Wise List

Sr. No.		Planted Area	
		Number of Cultivators	Area (Acre)
1.	Maharashtra	34	166
2.	Karnataka	22	120
3.	Orissa	6	43
4.	Andhra Pradesh	6	30
5.	Gujarat	8	42
6.	Rajasthan	2	10
7.	Tamil Nadu	1	5
8.	Madhya Pradesh	9	45
9.	Andaman & Nikobar Islands	260	192
	Total Cultivation of Noni In India	348	653

Moni : *Morinda Citrifolia* L.

Source : World Noni Research Foundation



CHAPTER - III

Export of Horitculture Produce



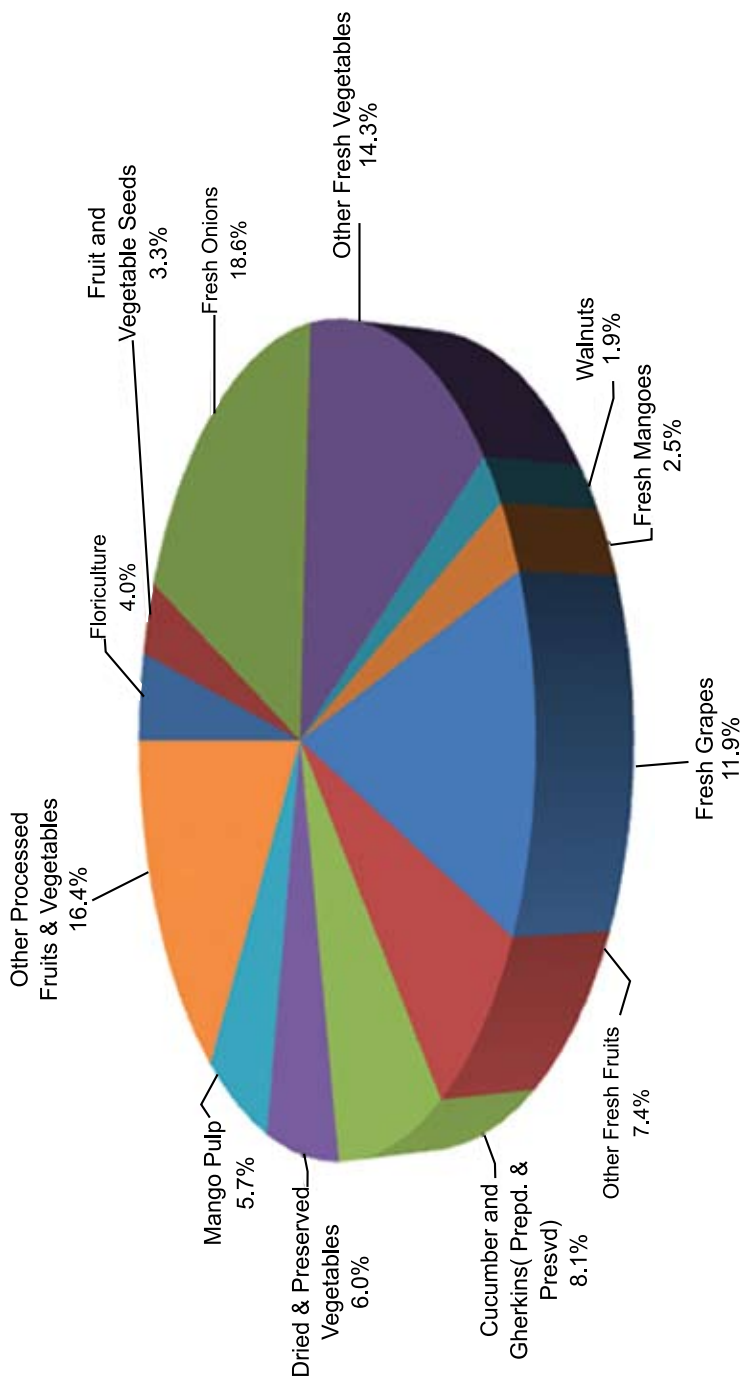
EXPORT OF HORTICULTURE PRODUCE FROM INDIA
VALUE IN LAKH AND QUANTITY IN MT

Product	2010-11		2011-12		2012-13	
	Qty	Value	Qty	Value	Qty	Value
Floriculture						
Floriculture	28906.79	29604.04	30926.02	36532.15	27121.86	42344.6
Fruits & Vegetables Seeds	11622.33	18491.77	15205.81	28776.35	17168	34772.39
Total	40529.12	48095.81	46131.83	65308.5	44289.86	77116.99
Fresh Fruits & Vegetables						
Fresh Onions	1182324.2	177928.62	1309924.82	172299.8	1666872.6	196662.66
Other Fresh Vegetables	499320.05	92138.76	734178.83	131048.2	768627.2	151633.56
Walnuts	5762.34	16629.25	5841.56	23108.4	5295.47	19983.57
Fresh Mangoes	58863.41	16483.6	63441.29	20974.3	55584.99	26471.78
Fresh Grapes	98005.12	42830.28	108584.57	60288.15	172744.42	125942.78
Other Fresh Fruits	255024.83	51175.27	270437.2	75541.11	263970.29	77975.78
Total	2099299.95	397185.78	2492408.27	483259.96	2933094.97	598670.13
Processed Fruits And Vegetables						
Cucumber And Gherkins(Prepd. & Presvd)	209231.83	51525.79	258603	74503.45	238624.89	85559.18
Dried & Preserved Vegetables	49009.12	37333.5	64794.09	52678.47	68520.25	63795.76
Mango Pulp	170219.72	81893.27	150499.06	62082.91	147815.69	60955.73
Other Processed Fruits & Vegetables	199868.41	99704.05	274807.05	157759.82	269217.26	173305.54
Total	628329.08	270456.61	748703.2	347024.65	724178.09	383616.21
Grand Total	2768158.15	715738.2	3287243.3	895593.11	3701562.92	1059403.33

Source: Apeda Website January 2014



COMMODITYWISE SHARE OF EXPORTS OF HORTICULTURAL PRODUCTS FROM INDIA 2012-13





EXPORT OF APPLE FROM INDIA

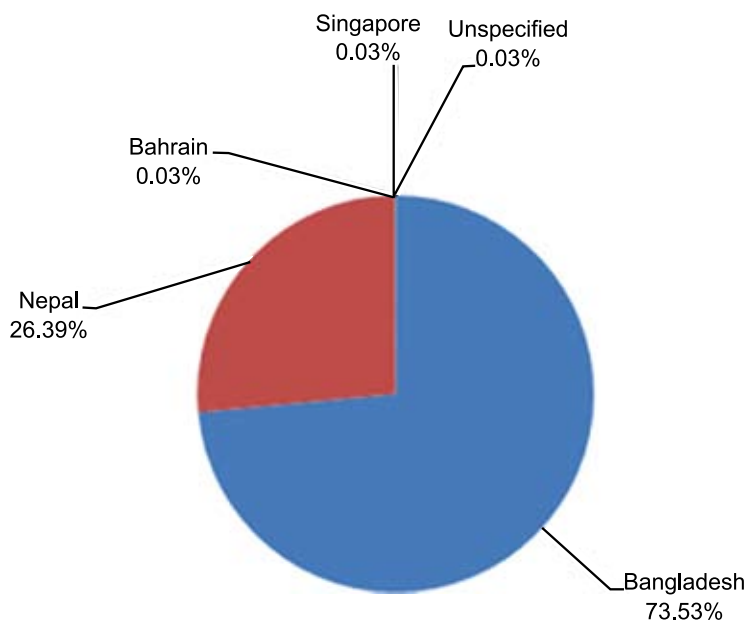
VALUE IN LAKH AND QUANTITY IN MT

Product : Apple (08081000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
BANGLADESH	43165	5235	26200	7692	20550	3787
NEPAL	3530	551	3697	1392	3244	1359
UNSPECIFIED	0	0	14	3	2	2
BAHRAIN	0	0	0	0	4	2
SINGAPORE	2	0	0	0	5	1
MALDIVES	0	0	0	0	1	0
UNITED ARAB EMIRATES	379	188	0	0	0	0
FRANCE	0	0	0	0	0	0
OTHERS	1	0	157	59	0	0
Total	47077	5975	30067	9147	23806	5151

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF APPLE FROM INDIA 2012-13





EXPORT OF BANANA FROM INDIA

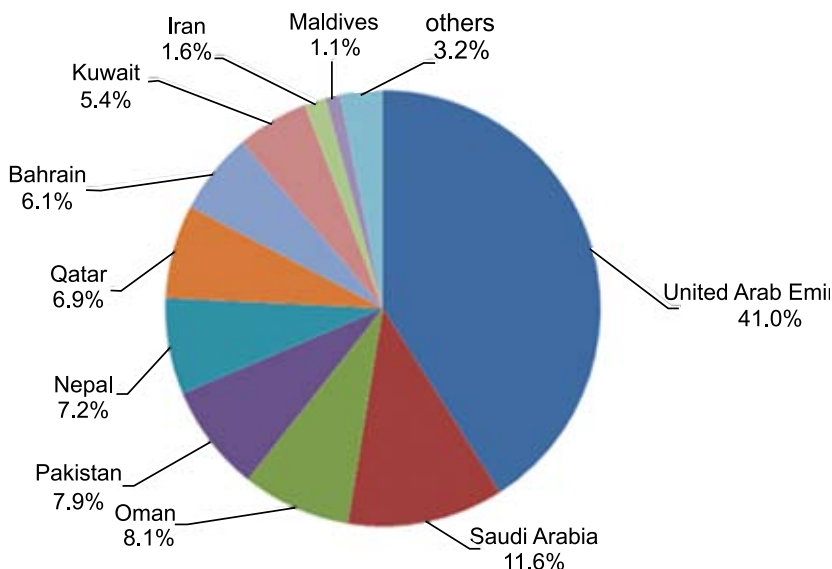
VALUE IN LAKH AND QUANTITY IN MT

Product: Bananas Fresh (08030000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
UNITED ARAB EMIRATES	11674	2774	15134	3794	14802	5354
SAUDI ARABIA	8954	2140	5014	1246	4403	1516
OMAN	1537	347	2228	485	3925	1056
PAKISTAN	0	0	0	0	5202	1037
NEPAL	5929	332	9766	514	11206	935
QATAR	1802	450	2053	493	2809	906
BAHRAIN	10965	656	2437	584	2566	793
KUWAIT	5474	1213	3196	718	2220	701
IRAN	9352	1958	4126	951	790	208
MALDIVES	981	136	913	178	645	142
OTHERS	872	226	716	192	1435	415
Total	57539	10232	45582	9155	50004	13064

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF BANANA FROM INDIA 2012-13





EXPORT OF ORANGE FROM INDIA

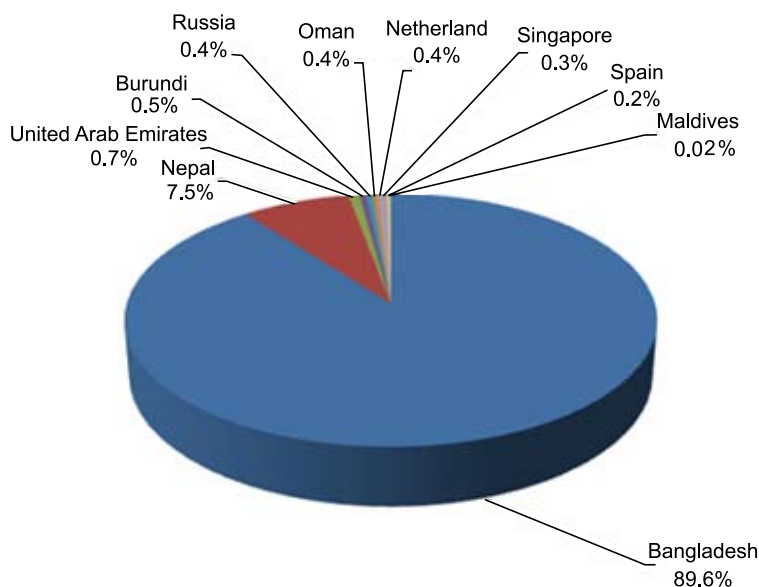
VALUE IN LAKH AND QUANTITY IN MT

Product: Oranges fresh(08051000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
BANGLADESH	12727	2167	28634	7364	32205	3162
NEPAL	1140	109	4216	947	1060	264
UNITED ARAB EMIRATES	2	1	30	2	31	26
BURUNDI	0	0	0	0	50	17
RUSSIA	0	0	35	10	100	15
OMAN	40	6	56	15	57	13
NETHERLAND	0	0	0	0	100	12
SINGAPORE	0	0	28	11	20	10
SPAIN	0	0	0	0	3	9
MALDIVES	0	0	0	0	2	1
OTHERS	63	13	1007	143	0	0
TOTAL	13972	2296	34006	8493	33628	3529

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF ORANGE FROM INDIA 2012-13





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National Horticulture Board

EXPORT OF GRAPES FROM INDIA

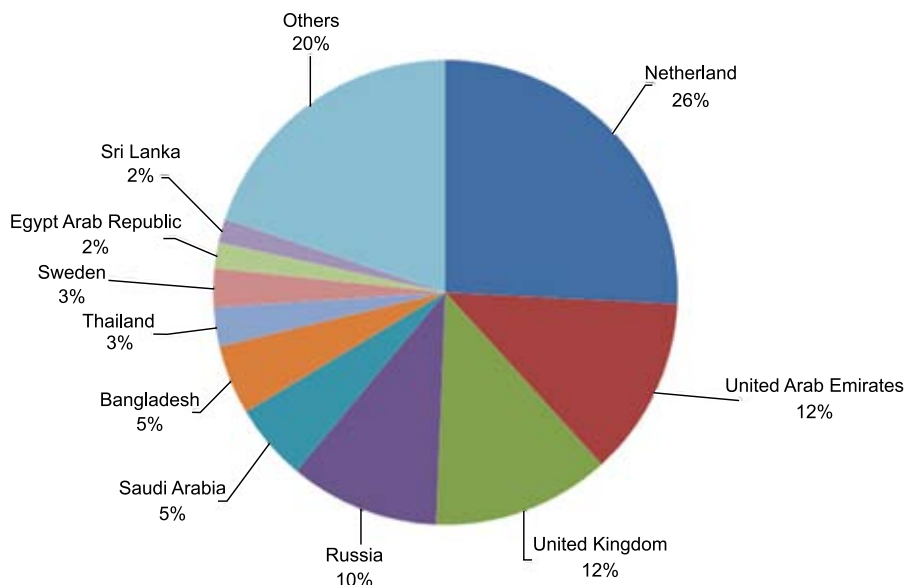
VALUE IN LAKH AND QUANTITY IN MT

Product: FRESH GRAPES (08061000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
NETHERLAND	18206	12708	18511	14297	35933	32495
UNITED ARAB EMIRATES	9844	5264	10359	6448	19394	15701
UNITED KINGDOM	7066	5136	6841	5490	15226	15582
RUSSIA	2216	2039	4937	4092	16789	13135
SAUDI ARABIA	3813	1855	5735	3531	9453	6733
BANGLADESH	38563	5496	39647	12440	34290	6101
THAILAND	1280	1371	1807	1851	2964	3428
SWEDEN	861	691	2196	1604	2978	3386
EGYPT ARAB REPUBLIC	387	373	86	44	1774	2262
SRI LANKA	1516	486	2171	1584	2713	2096
OTHERS	14253	7410	16294	8906	31231	25024
TOTAL	98005	42830	108585	60288	172744	125943

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF GRAPES FROM INDIA 2012-13





EXPORT OF GUAVA FROM INDIA

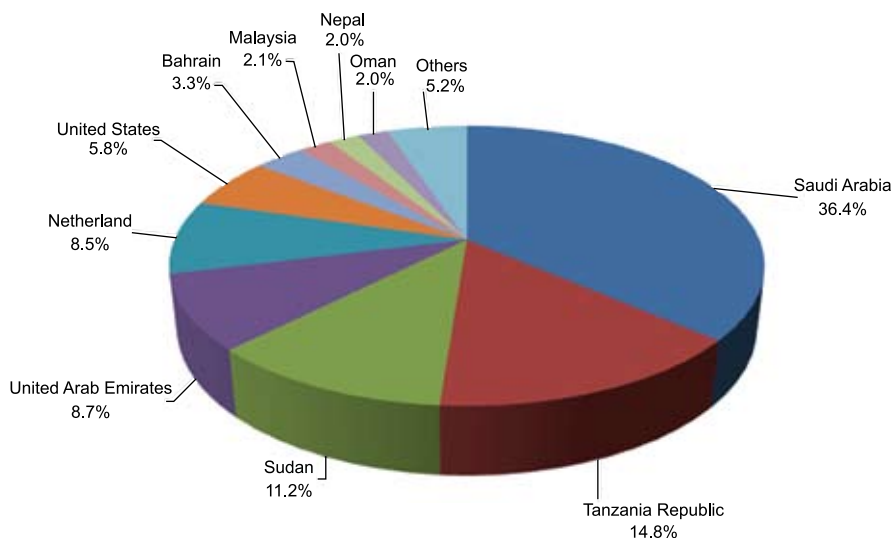
VALUE IN LAKH AND QUANTITY IN MT

Product: Guava (08045010)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
SAUDI ARABIA	5	0	838	189	462	128
TANZANIA REPUBLIC	0	0	0	0	219	52
SUDAN	0	0	0	0	120	39
UNITED ARAB EMIRATES	84	22	106	25	91	30
NETHERLAND	0	0	111	40	74	30
UNITED STATES	1	0	0	0	50	20
BAHRAIN	45	3	83	7	28	11
MALAYSIA	9	2	19	5	16	8
NEPAL	37	3	21	2	23	7
OMAN	30	5	2	1	35	7
OTHERS	89	26	202	48	62	18
TOTAL	301	62	1382	318	1180	351

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF GUAVA FROM INDIA 2012-13





EXPORT OF LITCHI FROM INDIA

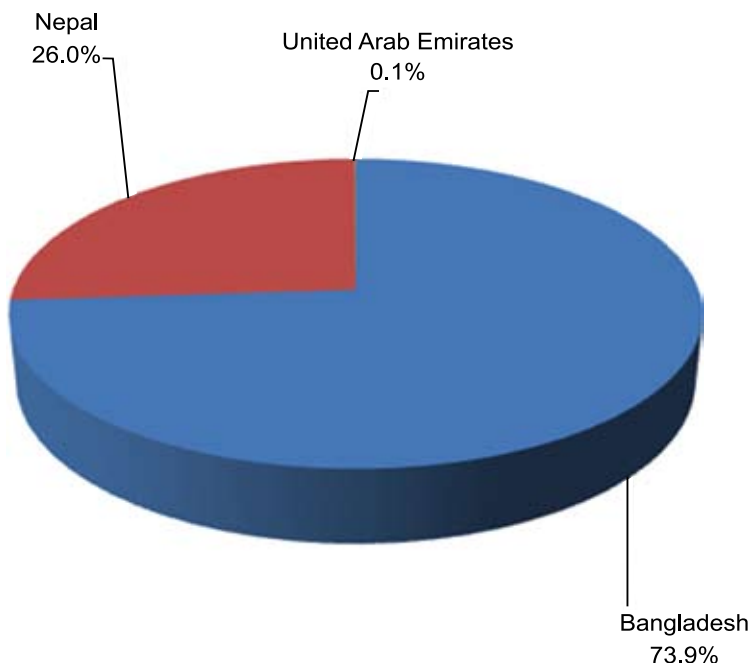
VALUE IN LAKH AND QUANTITY IN MT

Product: Litchi (08109060)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
BANGLADESH	1104	112	267	24	659	87
NEPAL	80	23	52	14	136	31
UNITED ARAB EMIRATES	1.40	0.73	0.00	0.00	0.13	0.07
AUSTRIA	0.00	0.00	0.00	0.00	0.10	0.02
UNITED KINGDOM	0.00	0.00	0.00	0.00	0.11	0.02
GERMANY	0.10	0.06	0.00	0.00	0.00	0.00
IRELAND	0.01	0.01	0.00	0.00	0.00	0.00
MALDIVES	0.00	0.00	0.94	1.38	0.00	0.00
SINGAPORE	0.10	0.04	0.00	0.00	0.00	0.00
TOTAL	1186	136	320	39	795	118

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF LITCHI FROM INDIA 2012-13





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National
Horticulture Board

EXPORT OF MANGO FROM INDIA

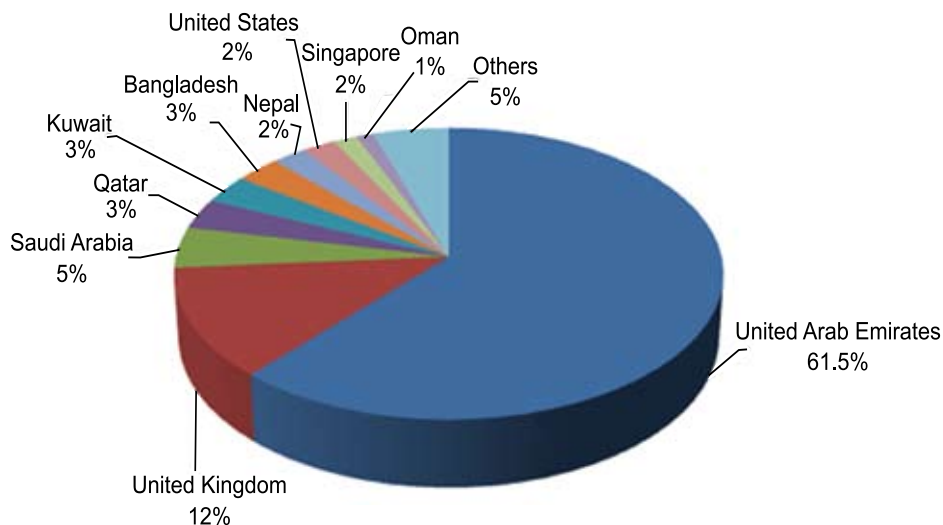
VALUE IN LAKH AND QUANTITY IN MT

Product : Mangoes (08045020)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
UNITED ARAB EMIRATES	25475	10318	22014	10737	37599	16287
UNITED KINGDOM	2722	1455	2532	1642	3304	3250
SAUDI ARABIA	1582	618	2389	1170	1665	1200
QATAR	377	200	816	329	1523	887
KUWAIT	577	391	731	540	828	840
BANGLADESH	23050	1859	27599	4059	4650	776
NEPAL	1991	210	3926	671	2238	610
UNITED STATES	100	163	353	221	242	578
SINGAPORE	391	207	599	358	650	420
OMAN	137	88	155	119	353	300
OTHERS	2462	975	2327	1129	2532	1323
TOTAL	58863	16484	63441	20974	55585	26472

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF MANGOES FROM INDIA 2012-13





EXPORT OF PAPAYA FROM INDIA

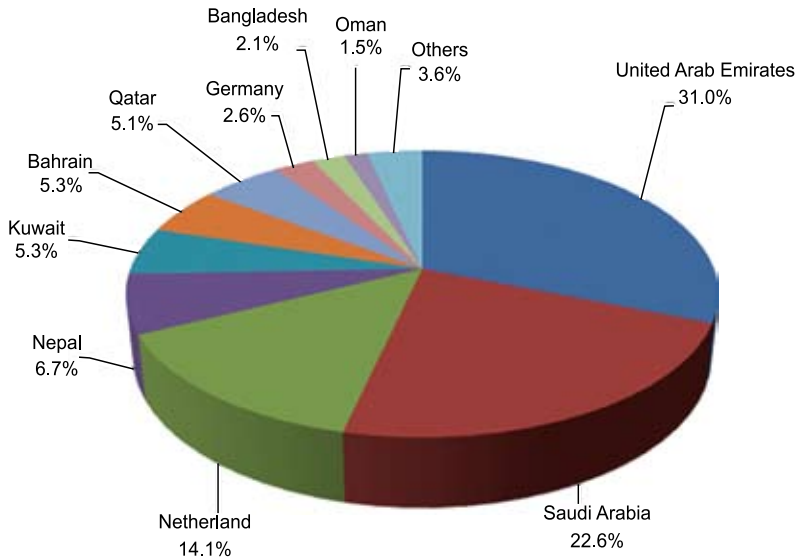
VALUE IN LAKH AND QUANTITY IN MT

Product: Papaya (08072000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
UNITED ARAB EMIRATES	7954	724	8293	928	5548	1031
SAUDI ARABIA	1703	284	2634	506	3179	754
NETHERLAND	660	285	540	261	1177	470
NEPAL	1024	68	1403	108	1882	223
KUWAIT	1671	87	1397	129	1136	177
BAHRAIN	1639	90	1227	112	1223	177
QATAR	1411	64	1541	108	1400	171
GERMANY	223	88	500	117	156	87
BANGLADESH	0	0	15	2	126	70
OMAN	157	22	185	32	176	50
OTHERS	733	219	936	172	487	119
TOTAL	17176	1931	18672	2475	16491	3329

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF PAPAYA FROM INDIA 2012-13





EXPORT OF PINEAPPLE FROM INDIA

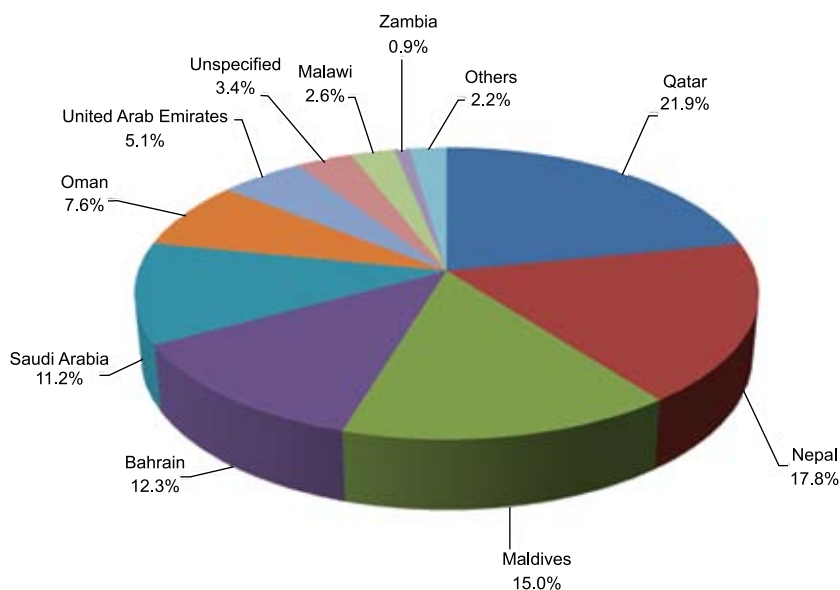
VALUE IN LAKH AND QUANTITY IN MT

Product: Pineapples (08043000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
QATAR	229	33	395	87	507	183
NEPAL	498	36	1431	130	756	149
MALDIVES	313	89	584	170	375	125
BAHRAIN	30	10	54	21	231	103
SAUDI ARABIA	7	1	39	8	248	94
OMAN	137	61	149	53	108	63
UNITED ARAB EMIRATES	440	150	294	106	132	43
UNSPECIFIED	2	1	17	3	137	28
MALAWI	0	0	0	0	210	22
ZAMBIA	0	0	0	0	9	8
OTHERS	50	11	66	25	74	19
TOTAL	1706	390	3031	603	2787	837

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF PINEAPPLE FROM INDIA 2012-13





EXPORT OF SAPOTA FROM INDIA

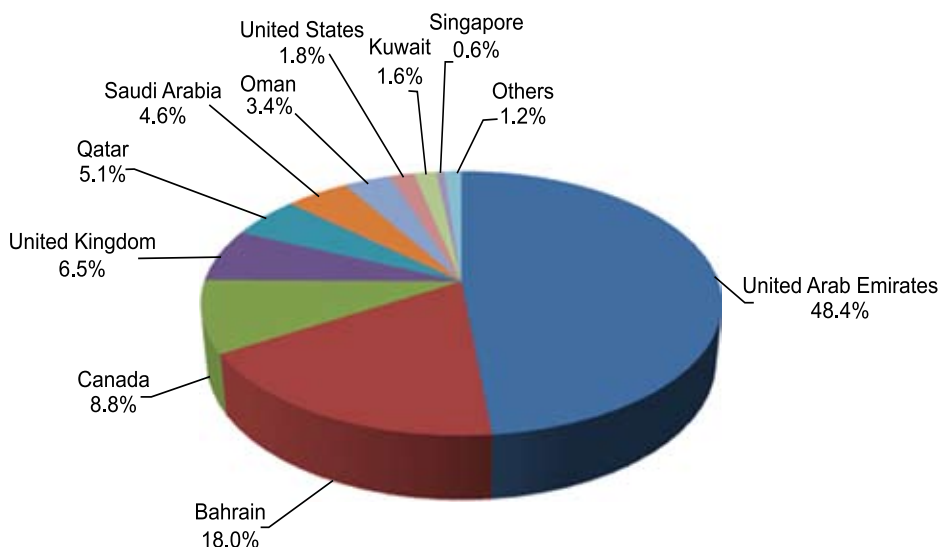
VALUE IN LAKH AND QUANTITY IN MT

Product: Sapota (08109030)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
UNITED ARAB EMIRATES	770	184	1216	202	1057	298
BAHRAIN	680	66	608	79	695	110
CANADA	267	23	347	44	276	54
UNITED KINGDOM	78	24	204	31	134	40
QATAR	46	11	75	15	172	31
SAUDI ARABIA	50	12	73	18	78	28
OMAN	55	13	76	15	67	21
UNITED STATES	61	8	26	12	38	11
KUWAIT	11	2	19	4	43	10
SINGAPORE	17	3	25	3	22	4
OTHERS	46	21	25	5	25	8
TOTAL	2081	367	2694	428	2606	615

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF SAPOTA FROM INDIA 2012-13





EXPORT OF CABBAGE FROM INDIA

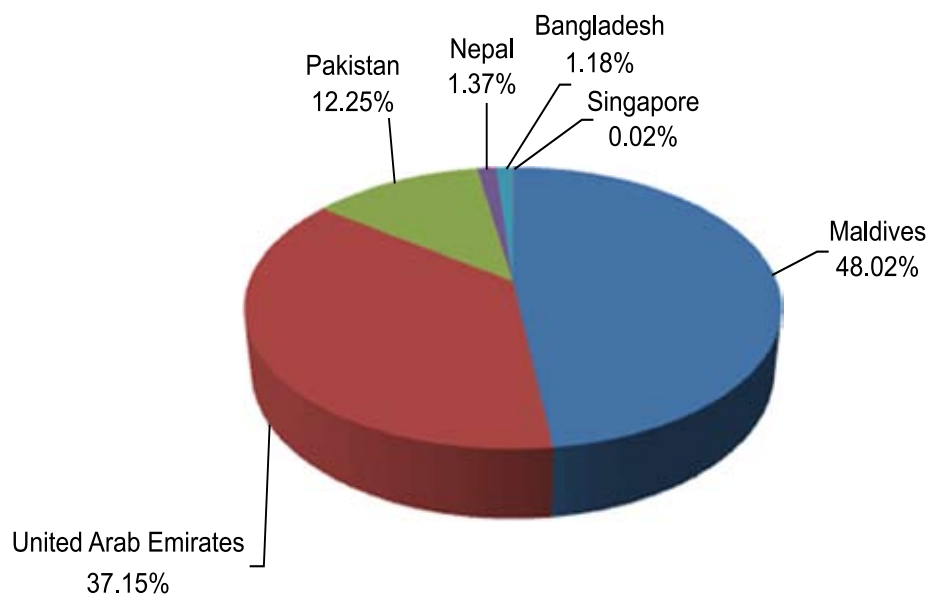
VALUE IN LAKH AND QUANTITY IN MT

Product: Cabbage (07051100)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
MALDIVES	183	16	136	10	393	20
UNITED ARAB EMIRATES	118	25	125	24	125	15
PAKISTAN	0	0	266	41	28	5
NEPAL	21	1	12	1	14	1
BANGLADESH	0	0	0	0	13	0
SINGAPORE	1	0	0	0	0	0
TOTAL	323	42	538	76	573	41

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF CABBAGE FROM INDIA 2012-13





EXPORT OF CAULIFLOWER FROM INDIA

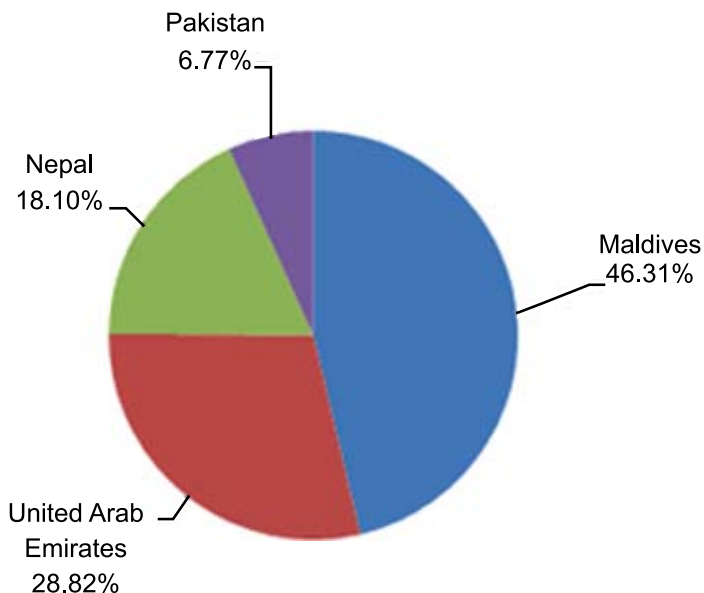
VALUE IN LAKH AND QUANTITY IN MT

Product: Cauliflower (07041000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
MALDIVES	210	7	247	12	151	11
UNITED ARAB EMIRATES	566	21	91	6	102	7
NEPAL	23	2	102	6	95	4
PAKISTAN	0	0	277	49	7	2
UNITED KINGDOM	0	0	0	0	0	0
MALI	0	0	0	0	1	0
MYANMAR	0	0	0	0	1	0
BAHRAIN	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
OMAN	1	0	0	0	0	0
OTHERS	80	4	46	1	0	0
TOTAL	880	33	763	75	357	25

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF CAULIFLOWER FROM INDIA 2012-13





EXPORT OF ONION FROM INDIA

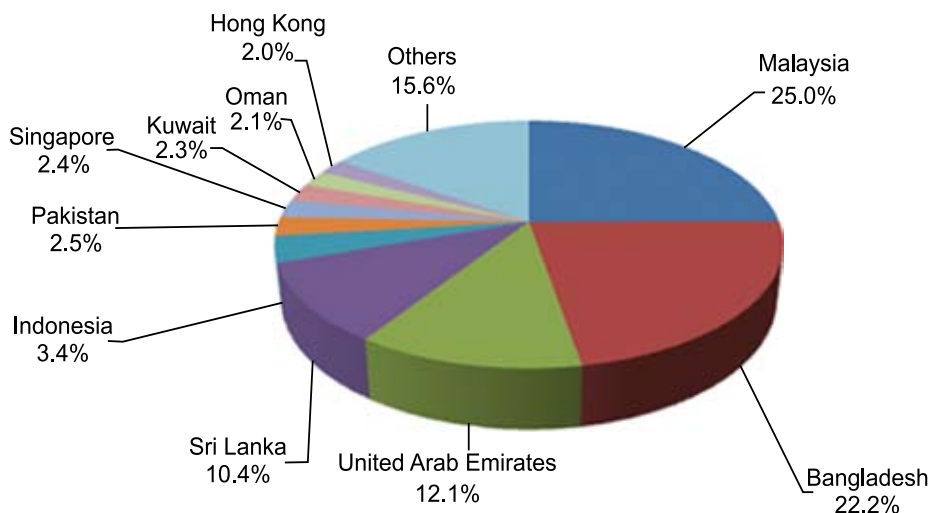
VALUE IN LAKH AND QUANTITY IN MT

Product: Onions (07031010)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
MALAYSIA	281360	49187	301314	44345	385275	49106
BANGLADESH	391550	57233	313634	38621	489877	43756
UNITED ARAB EMIRATES	127265	16574	179050	22190	211755	23821
SRI LANKA	120379	17842	153267	17464	149394	20492
INDONESIA	44377	9384	48511	8732	48824	6694
PAKISTAN	45689	5418	75621	10460	38823	4841
SINGAPORE	21227	2937	30661	3911	35007	4715
KUWAIT	16593	2082	25256	2671	39968	4485
OMAN	18041	2267	26597	3415	37197	4037
HONG KONG	3593	611	9259	1309	24737	3998
OTHERS	112251	14393	146756	19181	206016	30718
TOTAL	1182324	177929	1309925	172300	1666873	196663

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF ONION FROM INDIA 2012-13





EXPORT OF PEAS FROM INDIA

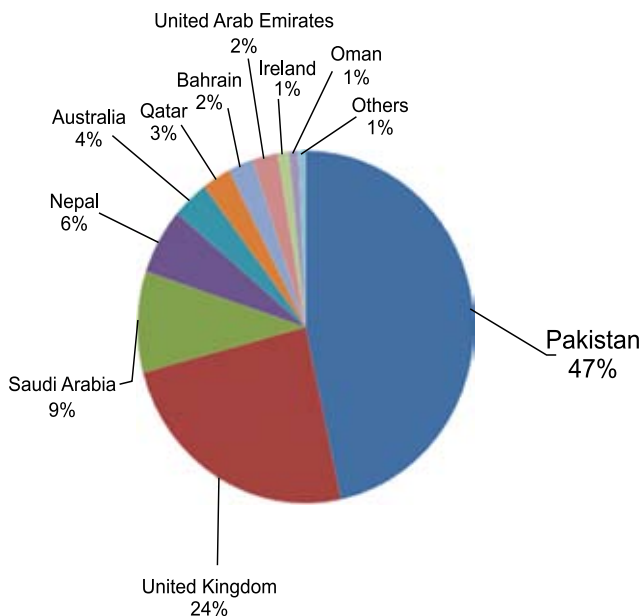
VALUE IN LAKH AND QUANTITY IN MT

Product: Peas (07081000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
PAKISTAN	0	0	130	20	2480	357
UNITED KINGDOM	1	0	424	83	157	185
SAUDI ARABIA	498	206	316	123	124	71
NEPAL	367	22	940	88	168	46
AUSTRALIA	0	0	0	0	29	27
QATAR	25	1	0	0	38	21
BAHRAIN	0	0	5	2	40	19
UNITED ARAB EMIRATES	123	33	132	34	37	19
IRELAND	0	0	0	0	9	8
OMAN	20	1	32	2	35	7
OTHERS	0	0	2	0	28	5
TOTAL	1034	264	1981	353	3146	765

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF PEAS FROM INDIA 2012-13





EXPORT OF TOMATO FROM INDIA

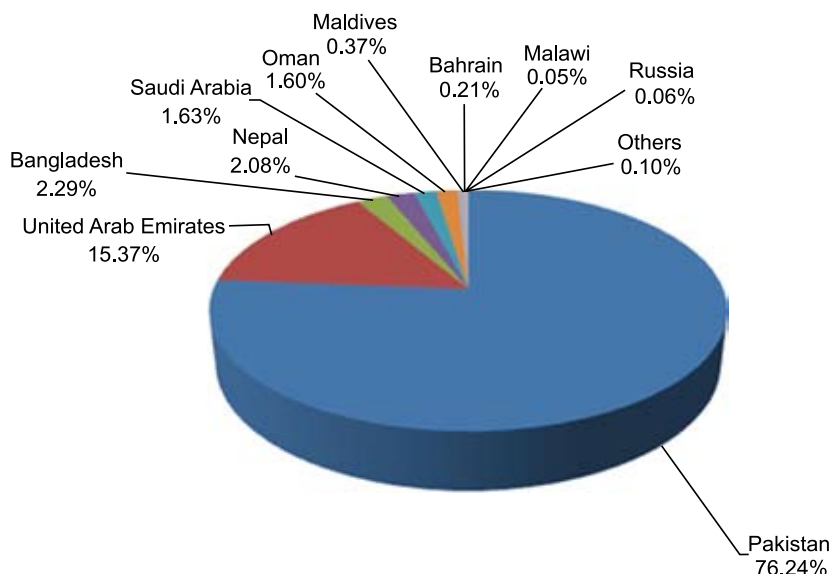
VALUE IN LAKH AND QUANTITY IN MT

Product: Tomatoes (07020000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
PAKISTAN	3709	341	2,07,082.83	37046	2,67,782.74	40639
UNITED ARAB EMIRATES	31178	7478	25385	4772	46461	8193
BANGLADESH	19733	2048	23390	3859	9562	1220
NEPAL	3269	227	5439	573	9922	1111
SAUDI ARABIA	2261	539	968	270	3149	867
OMAN	2209	532	828	207	3664	855
MALDIVES	2604	149	2761	229	2004	200
BAHRAIN	441	102	66	8	436	113
RUSSIA	0	0	0	0	92	31
MALAWI	0	0	0	0	270	25
OTHERS	468	94	1067	66	349	52
TOTAL	65872	11510	266986	47031	343692	53305

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF TOMATO FROM INDIA 2012-13





EXPORT OF POTATO FROM INDIA

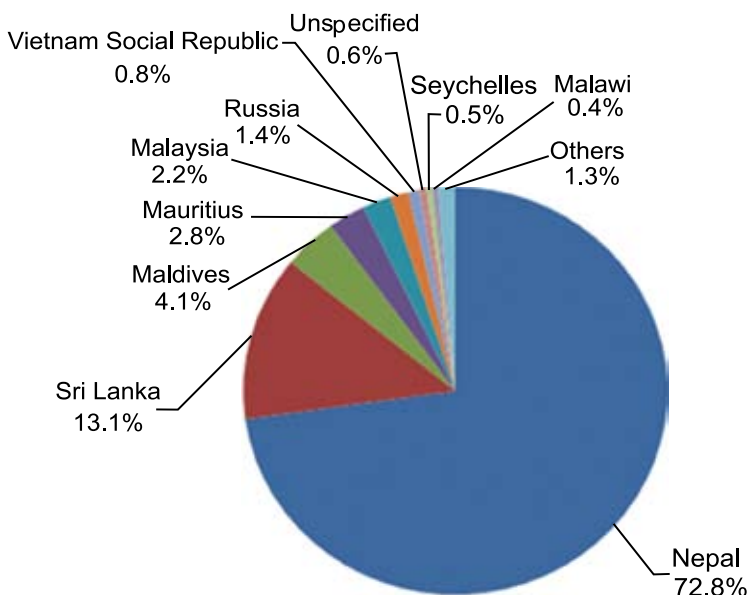
VALUE IN LAKH AND QUANTITY IN MT

Product : Potatoes Fresh (07019000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
NEPAL	108036	4948	133573	6487	136994	10826
SRI LANKA	35559	4783	28689	3488	11291	1944
MALDIVES	6203	410	6717	533	5641	617
MAURITIUS	5190	806	3794	606	2492	419
MALAYSIA	8119	893	3141	358	2160	326
RUSSIA	15525	2883	7237	1046	916	208
VIETNAM SOCIAL REPUBLIC	392	59	1169	203	616	125
UNSPECIFIED	0	0	6129	278	975	83
SEYCHELLES	262	33	116	28	506	69
MALAWI	0	0	0	0	291	56
OTHERS	6667	704	2522	321	1304	199
TOTAL	185953	15520	193086	13345	163186	14872

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF POTATO FROM INDIA 2012-13





EXPORT OF SWEET POTATO FROM INDIA

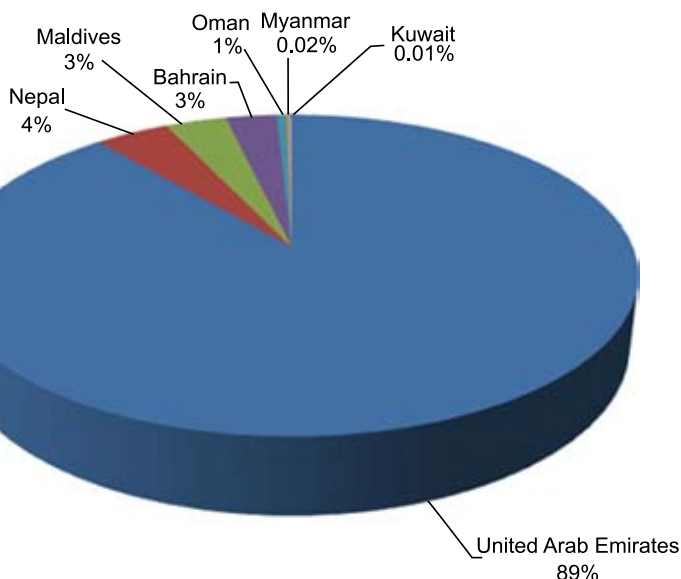
VALUE IN LAKH AND QUANTITY IN MT

Product: Sweet Potatoes (07142000)

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
UNITED ARAB EMIRATES	482.17	60.33	828.04	101.31	535.83	92.63
NEPAL	0.22	0.03	19	1.92	54	4.24
MALDIVES	108.5	9.76	91.4	9.52	19.85	3.53
BAHRAIN	3.05	0.63	3.5	0.73	18.21	2.96
OMAN	0	0	0	0	3	0.53
MYANMAR	0	0	0	0	1.1	0.18
KUWAIT	2	0.23	0	0	0.5	0.14
ISRAEL	0	0	1.8	0.68	0	0
MALAYSIA	13	3.13	0.5	0.07	0	0
MAURITIUS	0	0	38.16	13.13	0	0
SINGAPORE	0	0	28	3.78	0	0
TOTAL	608.94	74.11	1010.40	131.14	632.49	104.21

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF SWEET POTATO FROM INDIA 2012-13





EXPORT OF FLOWER FROM INDIA

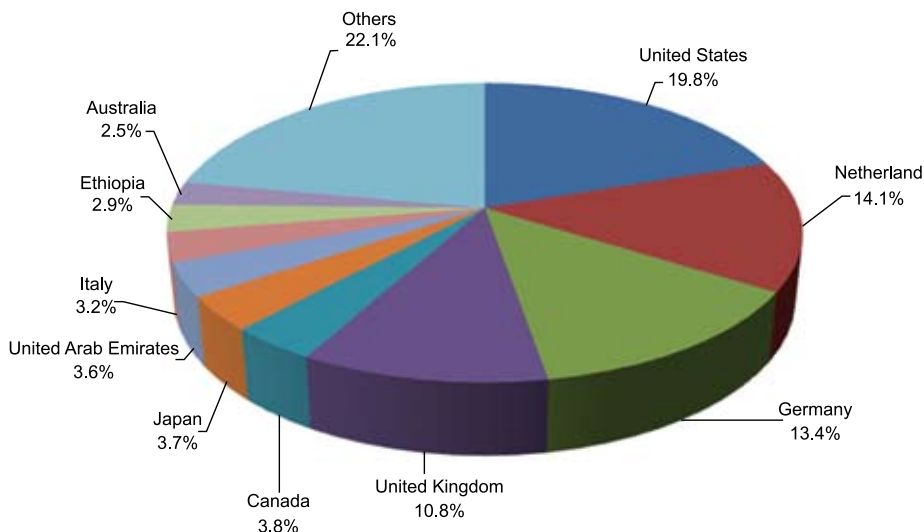
VALUE IN LAKH AND QUANTITY IN MT

Product: FLOWERS

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
UNITED STATES	7430	5799	7559	7129	6697	8381
NETHERLAND	3149	4527	3924	5413	3099	5970
GERMANY	4474	4332	5257	5752	3715	5675
UNITED KINGDOM	4299	3530	3456	3856	3192	4568
CANADA	524	811	868	1203	986	1619
JAPAN	640	1234	737	1472	801	1567
UNITED ARAB EMIRATES	823	996	817	1126	1029	1545
ITALY	1255	893	1267	1119	821	1350
ETHIOPIA	132	695	415	822	163	1232
AUSTRALIA	336	679	356	991	353	1074
OTHERS	5845	6109	6270	7649	6266	9364
TOTAL	28907	29604	30926	36532	27122	42345

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF FLOWERS FROM INDIA 2012-13





EXPORT OF FRUIT AND VEGETABLE SEEDS FROM INDIA

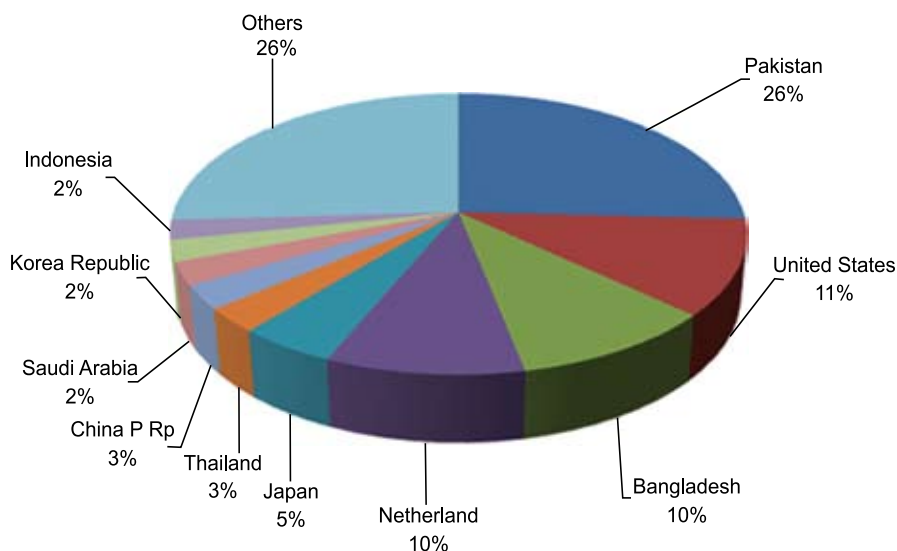
VALUE IN LAKH AND QUANTITY IN MT

Product: FRUIT AND VEGETABLE SEEDS

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
PAKISTAN	5968	6572	4884	7329	7719	8960
UNITED STATES	117	1601	125	1992	142	3831
BANGLADESH	2167	1584	4209	2372	4267	3488
NETHERLAND	75	1213	220	2125	326	3352
JAPAN	197	759	226	1280	189	1644
THAILAND	12	137	99	608	61	976
CHINA P RP	6	56	181	292	95	967
SAUDI ARABIA	222	141	1304	749	704	914
KOREA REPUBLIC	148	139	238	279	288	849
INDONESIA	52	539	103	1253	41	784
OTHERS	2658	5750	3617	10498	3336	9008
TOTAL	11622	18492	15206	28776	17168	34772

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF FRUIT AND VEGETABLES SEEDS FROM INDIA 2012-13





EXPORT OF WALNUT FROM INDIA

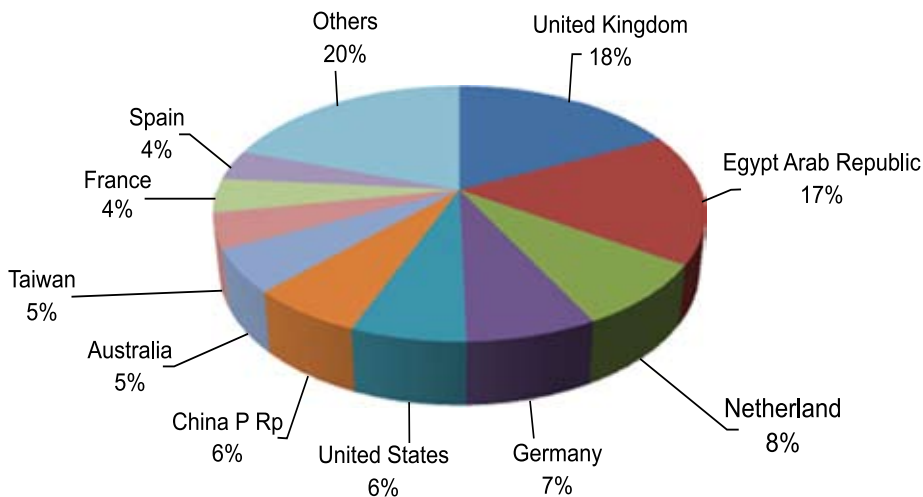
VALUE IN LAKH AND QUANTITY IN MT

Product: WALNUTS

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
UNITED KINGDOM	470	1408	569	2250	911	3529
EGYPT ARAB REPUBLIC	566	2139	632	2821	682	3319
NETHERLAND	561	1849	649	2638	405	1619
GERMANY	766	2036	722	2726	415	1450
UNITED STATES	66	210	158	592	292	1272
CHINA P RP	169	449	18	45	471	1256
AUSTRALIA	140	434	168	714	239	1081
TAIWAN	58	127	247	979	197	884
FRANCE	763	1965	462	1530	283	862
SPAIN	562	1660	830	3336	185	762
OTHERS	1642	4354	1389	5478	1215	3948
TOTAL	5762	16629	5842	23108	5295	19984

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF WALNUT FROM INDIA 2012-13





EXPORT OF DRIED AND PRESERVED VEGETABLES FROM INDIA

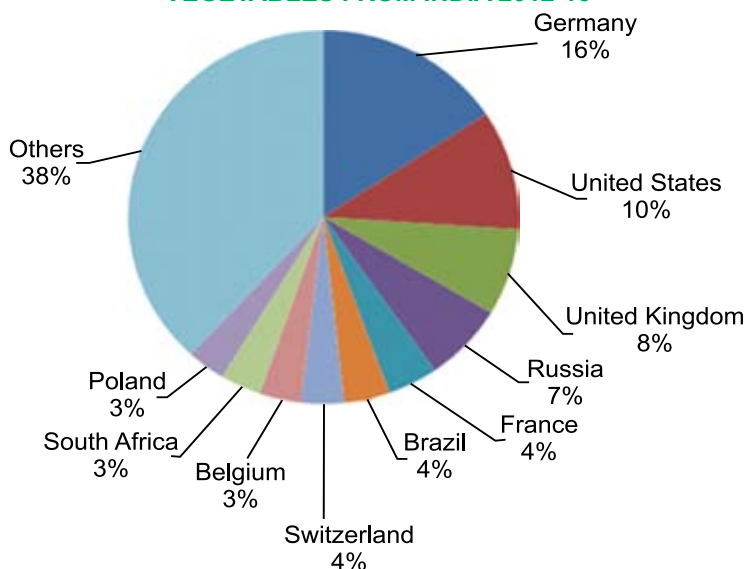
VALUE IN LAKH AND QUANTITY IN MT

Product: DRIED AND PRESERVED VEGETABLES

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
GERMANY	5729	5823	6823	7969	8103	10009
UNITED STATES	2930	2232	3841	3331	6563	6610
UNITED KINGDOM	3056	2277	5668	5191	5067	4796
RUSSIA	5495	4538	5244	4660	5151	4306
FRANCE	573	1600	803	3846	684	2669
BRAZIL	1769	1466	2251	2153	2621	2417
SWITZERLAND	36	1651	31	2783	16	2258
BELGIUM	1079	887	1258	1239	2238	2201
SOUTH AFRICA	1625	1389	1513	1479	2194	2180
POLAND	1936	1588	2072	1857	2337	2039
OTHERS	24780	13883	35291	18171	33547	24312
TOTAL	49009	37333	64794	52678	68520	63796

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF DRIED & PRESERVED VEGETABLES FROM INDIA 2012-13





EXPORT OF MANGO PULP FROM INDIA

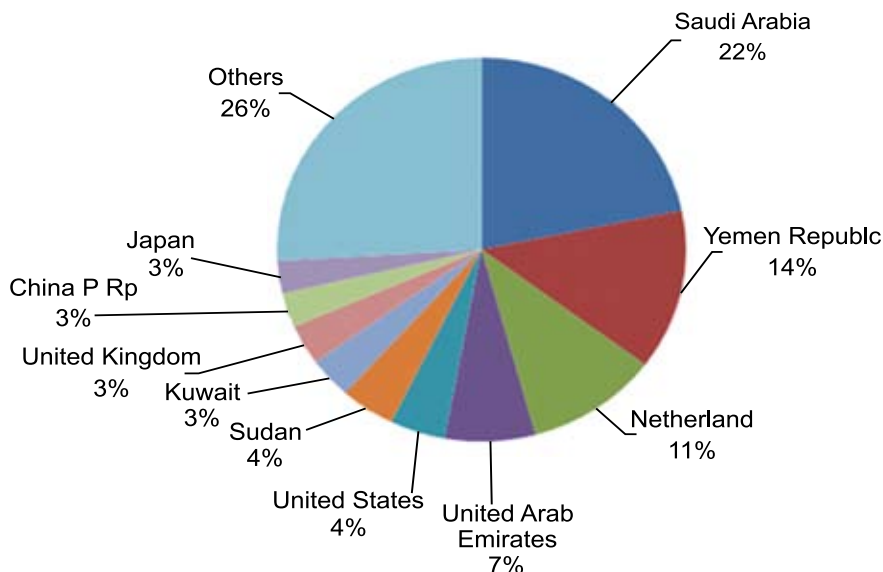
VALUE IN LAKH AND QUANTITY IN MT

Product: MANGO PULP

COUNTRY	2010-11		2011-12		2012-13	
	QTY	VALUE	QTY	VALUE	QTY	VALUE
SAUDI ARABIA	47744	21160	45686	15684	43448	13218
YEMEN REPubLC	14360	6106	18290	5075	25203	8226
NETHERLAND	18221	11069	16689	9262	11236	6391
UNITED ARAB EMIRATES	14684	6110	11297	4083	11737	4359
UNITED STATES	5432	2905	4042	2514	3784	2668
SUDAN	6961	4056	2399	839	6305	2628
KUWAIT	7997	3518	8671	3260	4761	2098
UNITED KINGDOM	12280	5785	5625	2848	3199	2052
CHINA P RP	1074	611	2892	1560	2876	1763
JAPAN	3769	2964	3067	2782	1616	1680
OTHERS	37697	17609	31842	14176	33652	15772
TOTAL	170220	81893	150499	62083	147816	60856

SOURCE: APEDA WEBSITE JANUARY 2014

COMMODITYWISE SHARE OF EXPORTS OF MANGO PULP FROM INDIA 2012-13





CHAPTER - IV

World Scenario



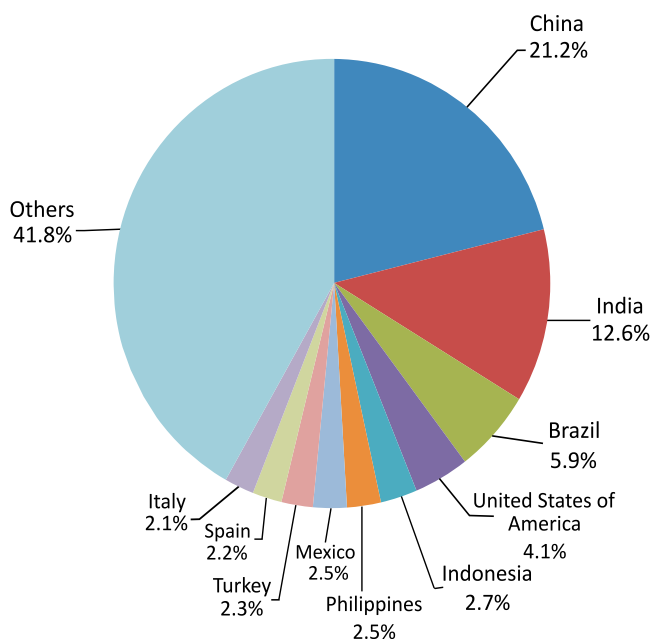


MAJOR FRUIT PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	11834450	137066750	11.6
India	6982015	81285334	11.6
Brazil	2325385	38368678	16.5
United States of America	1137779	26548859	23.3
Indonesia	796530	17744411	22.3
Philippines	1240370	16370976	13.2
Mexico	1256730	15917806	12.7
Turkey	1102662	14974561	13.6
Spain	1539100	13996447	9.1
Italy	1125593	13889219	12.3
Others	27924521	270594597	9.7
World + (Total)	57265135	646757638	11.3

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Fruit Producing Countries 2012-13



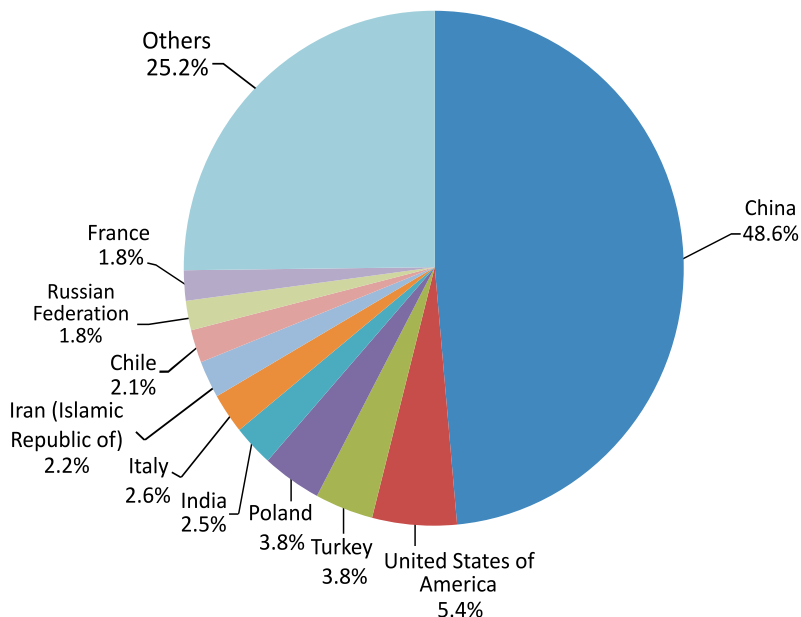


MAJOR APPLE PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	2060000	37000000	18.0
United States of America	132656	4110046	31.0
Turkey	150847	2889000	19.2
Poland	194680	2877336	14.8
India	311497	1915375	6.1
Italy	54684	1991312	36.4
Iran (Islamic Republic of)	134000	1700000	12.7
Chile	36500	1625000	44.5
Russian Federation	183300	1403000	7.7
France	41051	1382901	33.7
Others	1533204	19196743	12.5
World + (Total)	4832419	76090713	15.7

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Apple Producing Countries 2012-13



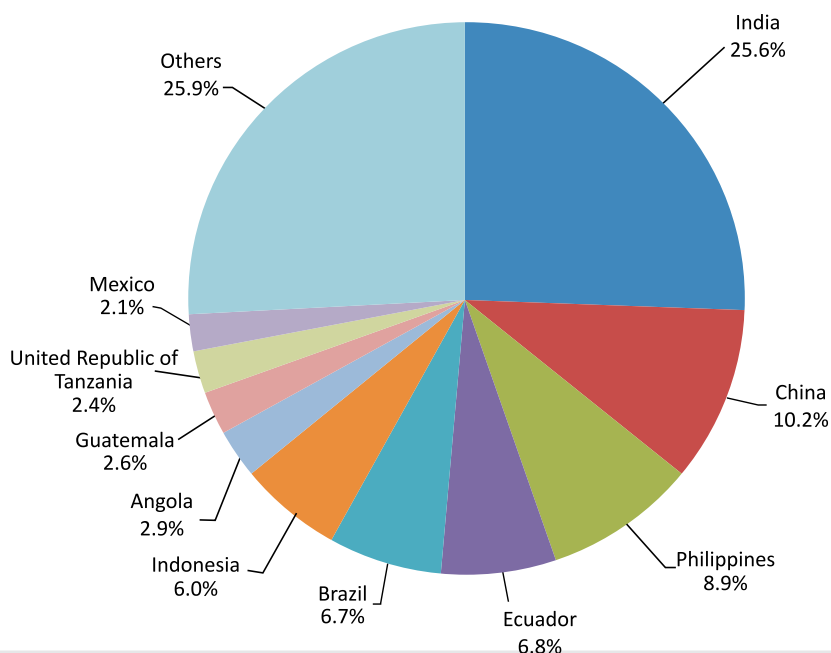


MAJOR BANANA PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
India	775995	26509096	34.2
CHINA	400000	10550000	26.4
PHILIPPINES	454179	9225998	20.3
ECUADOR	210894	7012244	33.3
BRAZIL	481116	6902184	14.3
INDONESIA	105000	6189052	58.9
ANGOLA	115749	2991454	25.8
GUATEMALA	66000	2700000	40.9
UNITED REPUBLIC OF TANZANIA	442190	2524740	5.7
MEXICO	72617	2203861	30.3
OTHERS	1883780	26823720	14.2
WORLD + (TOTAL)	5007520	103632349	20.7

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Banana Producing Countries 2012-13



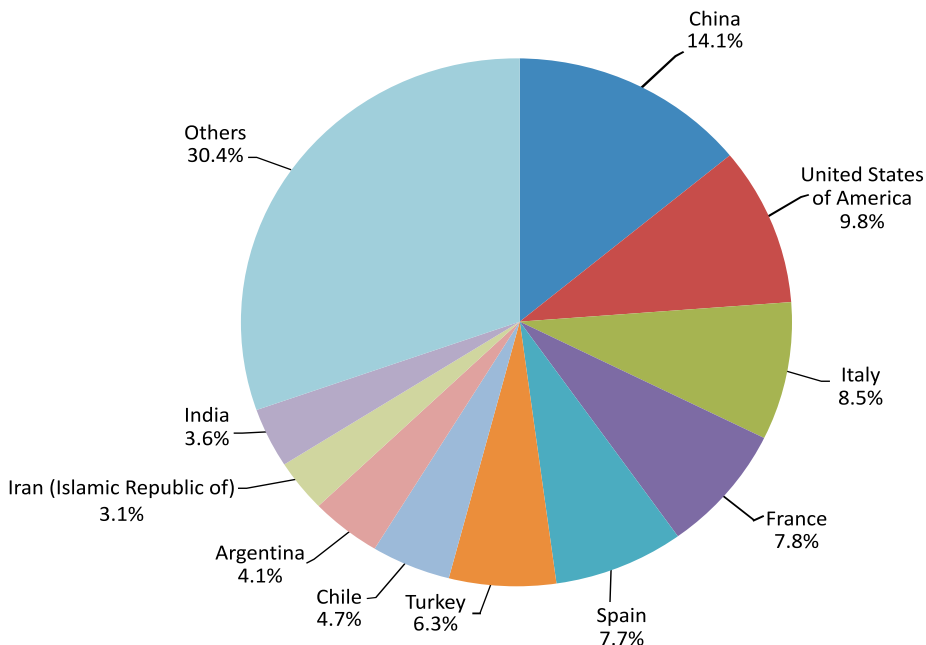


MAJOR GRAPES PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	600000	9600000	16.0
United States of America	389349	6661820	17.1
Italy	696756	5819010	8.4
France	760805	5338512	7.0
Spain	943000	5238300	5.6
Turkey	462296	4275659	9.2
Chile	204000	3200000	15.7
Argentina	220000	2800000	12.7
Iran (Islamic Republic of)	215000	2150000	10.0
India	117632	2483094	21.1
Others	2366167	20743828	8.8
World + (Total)	6975005	68310223	9.8

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Grapes Producing Countries 2012-13



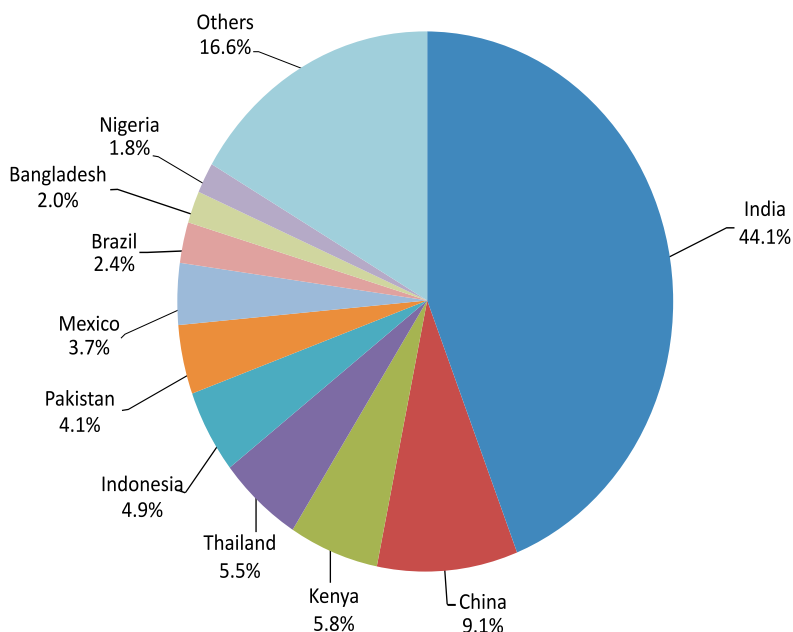


MAJOR MANGO & GUAVA PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
India	2735623	21200660	7.7
China	460000	4400000	9.6
Kenya	57021	2781706	48.8
Thailand	318000	2650000	8.3
Indonesia	233000	2376339	10.2
Pakistan	174000	1950000	11.2
Mexico	195674	1760588	9.0
Brazil	73310	1175735	16.0
Bangladesh	124000	945059	7.6
Nigeria	132000	860000	6.5
Others	1100295	7990410	7.3
World + (Total)	5602923	48090497	8.6

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Mango & Guava Producing Countries 2012-13



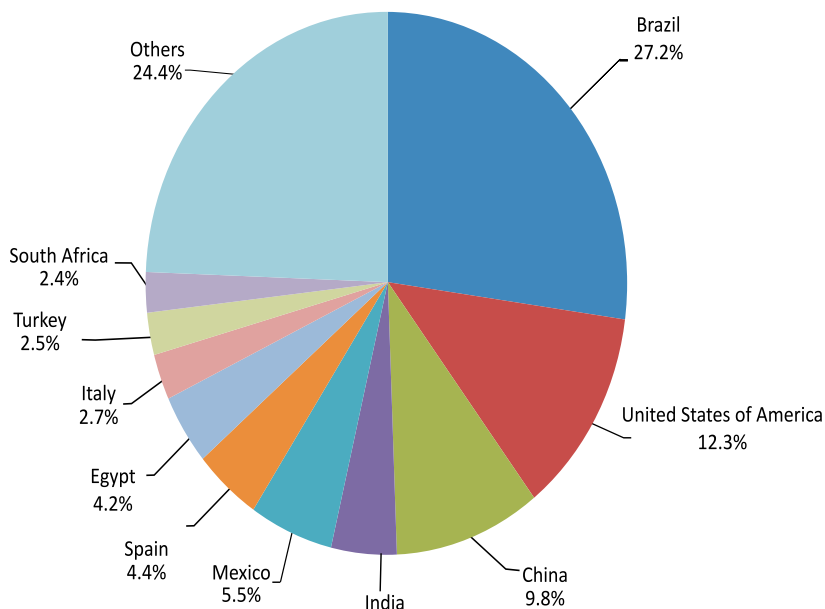


MAJOR ORANGE PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
Brazil	729583	18012560	24.7
United States of America	250582	8166480	32.6
China	475000	6500000	13.7
India	311176	2906308	9.3
Mexico	323357	3666790	11.3
Spain	154000	2933800	19.1
Egypt	118731	2786397	23.5
Italy	83514	1770503	21.2
Turkey	45733	1662000	36.3
South Africa	45000	1612828	35.8
Others	1106193	16112401	14.6
World + (Total)	3642869	66130067	18.2

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Orange Producing Countries 2012-13



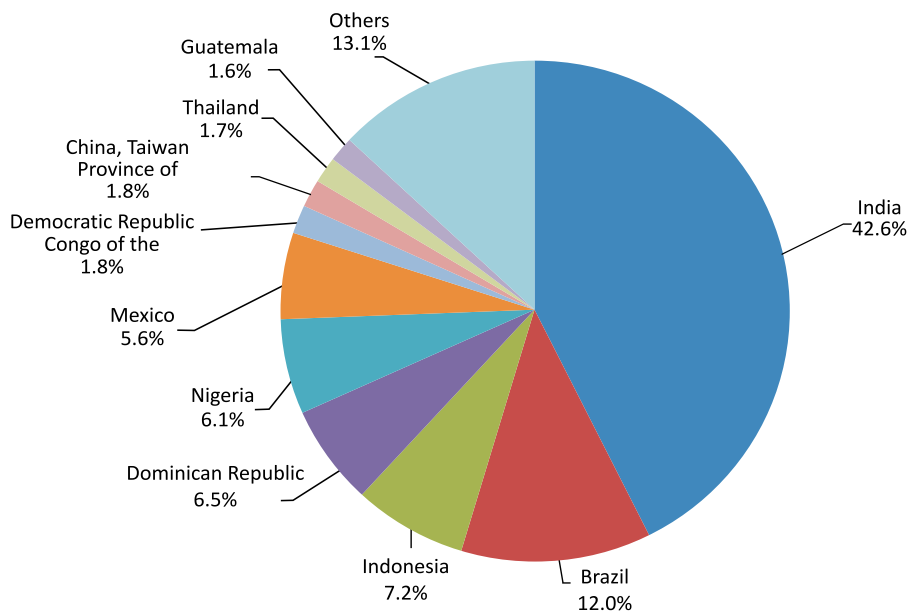


MAJOR PAPAYA PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
India	132183	5381727	40.7
Brazil	31310	1517696	48.5
Indonesia	10450	906312	86.7
Dominican Republic	2608	815499	312.7
Nigeria	95000	775000	8.2
Mexico	14227	712917	50.1
Democratic Republic of the Congo	14000	230000	16.4
China, Taiwan Province of	3800	222000	58.4
Thailand	13000	215000	16.5
Guatemala	2300	206500	89.8
Others	118960	1650252	13.9
World + (Total)	437838	12632903	28.9

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Papaya Producing Countries 2012-13



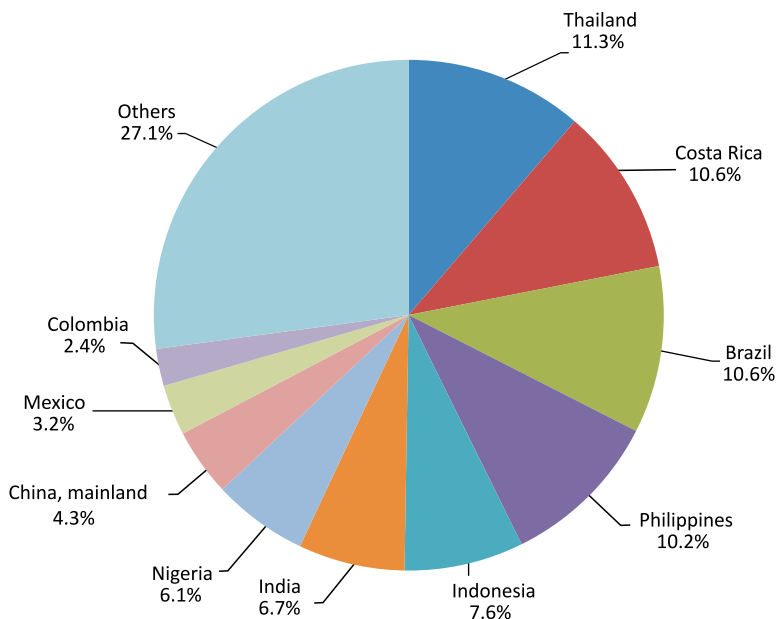


MAJOR PINEAPPLE PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
Thailand	105000	2650000	25.2
Costa Rica	42000	2484729	59.2
Brazil	60653	2478178	40.9
Philippines	58442	2397628	41.0
Indonesia	14300	1780889	124.5
India	105168	1570586	14.9
Nigeria	180000	1420000	7.9
China, mainland	53000	1000000	18.9
Mexico	17708	759976	42.9
Colombia	13916	551133	39.6
Others	360369	6355353	17.6
World + (Total)	1010556	23448472	23.2

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Pineapple Producing Countries 2012-13



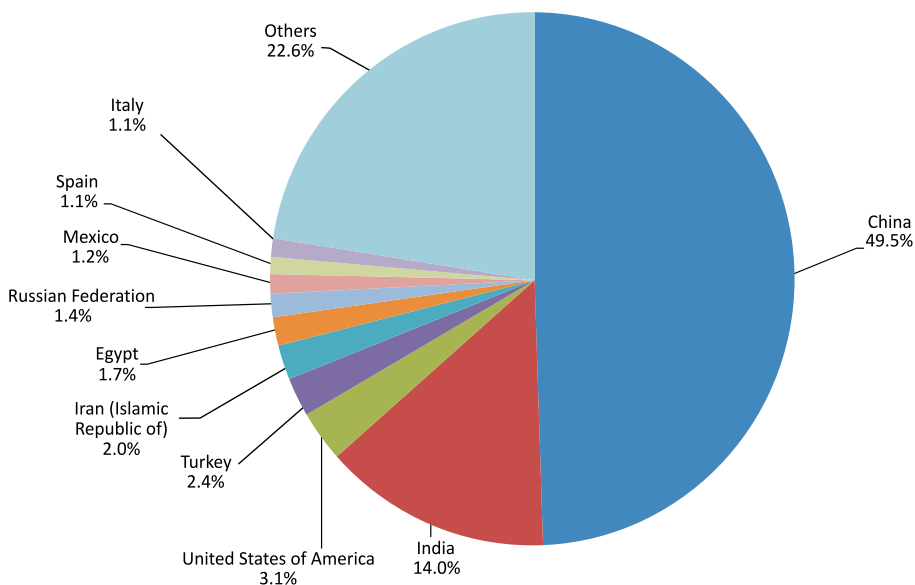


MAJOR VEGETABLE PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	24560900	573935000	23.4
India	9205186	162186567	17.6
United States of America	1104640	35947720	32.5
Turkey	1111702	27818918	25.0
Iran (Islamic Republic of)	876830	23485675	26.8
Egypt	772487	19825388	25.7
Russian Federation	790500	16084372	20.3
Mexico	683294	13599497	19.9
Spain	318971	12531000	39.3
Italy	450186	12297645	27.3
Others	19096425	261467661	13.7
World + (Total)	58971121	1159179443	19.7

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Vegetable Producing Countries 2012-13



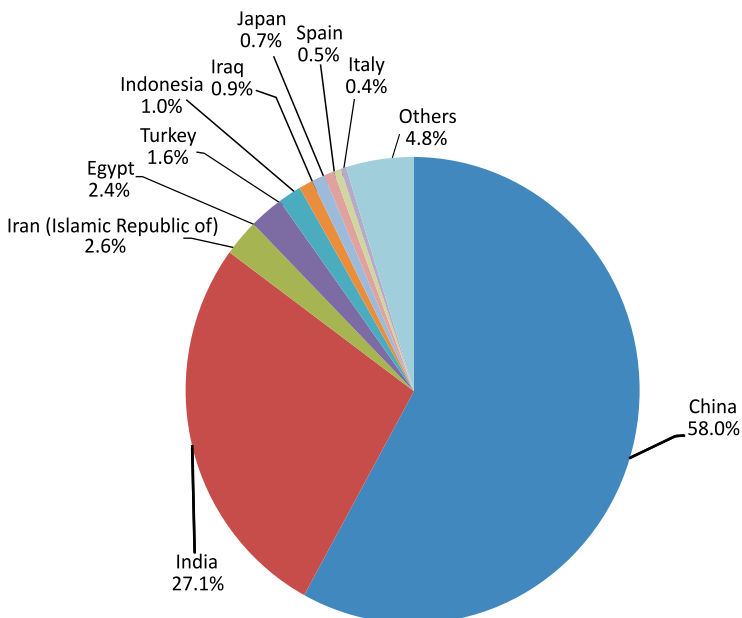


MAJOR BRINJAL PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	800000	28800000	36.0
India	722072	13443586	18.6
Iran (Islamic Republic of)	39500	1300000	32.9
Egypt	45251	1193854	26.4
Turkey	26000	799285	30.7
Indonesia	50431	518827	10.3
Iraq	20000	460000	23.0
Japan	9860	327400	33.2
Spain	3600	246600	68.5
Italy	8304	217690	26.2
Others	150077	2360639	15.7
World + (Total)	1875095	49667881	26.5

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Brinjal Producing Countries 2012-13



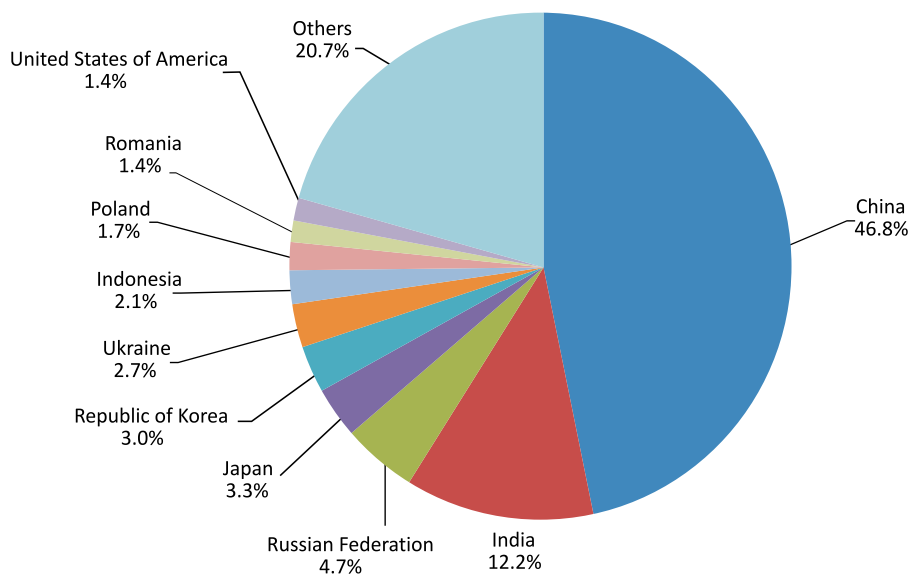


MAJOR CABBAGE PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	980000	32800000	33.5
India	372355	8534228	22.9
Russian Federation	112900	3309315	29.3
Japan	34000	2300000	67.6
Republic of Korea	29765	2118930	71.2
Ukraine	78400	1922400	24.5
Indonesia	64024	1487531	23.2
Poland	27973	1198726	42.9
Romania	49266	990154	20.1
United States of America	24730	964830	39.0
Others	615689	14513086	23.6
World + (Total)	2389102	70139200	29.4

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Cabbage Producing Countries 2012-13



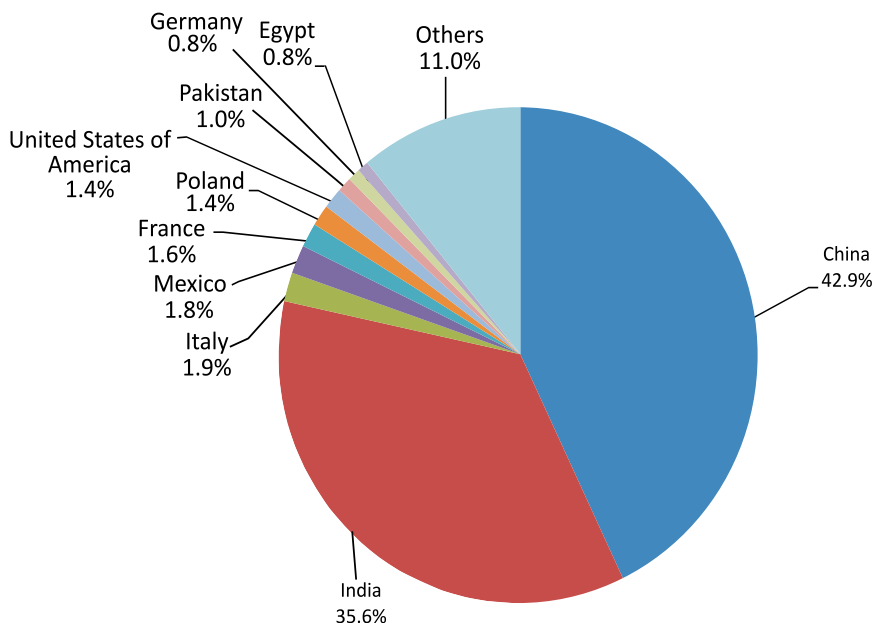


MAJOR CAULIFLOWER & BROCLI PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	450000	9500000	21.1
India	402198	7886733	19.6
Italy	17098	414142	24.2
Mexico	26779	397408	14.8
France	19569	344414	17.6
Poland	15486	306776	19.8
United States of America	14600	303450	20.8
Pakistan	13500	224000	16.6
Germany	6614	176692	26.7
Egypt	5980	171088	28.6
Others	254631	2428819	9.5
World + (Total)	1226455	22153522	18.1

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Cauliflower & Brocli Producing Countries 2012-13



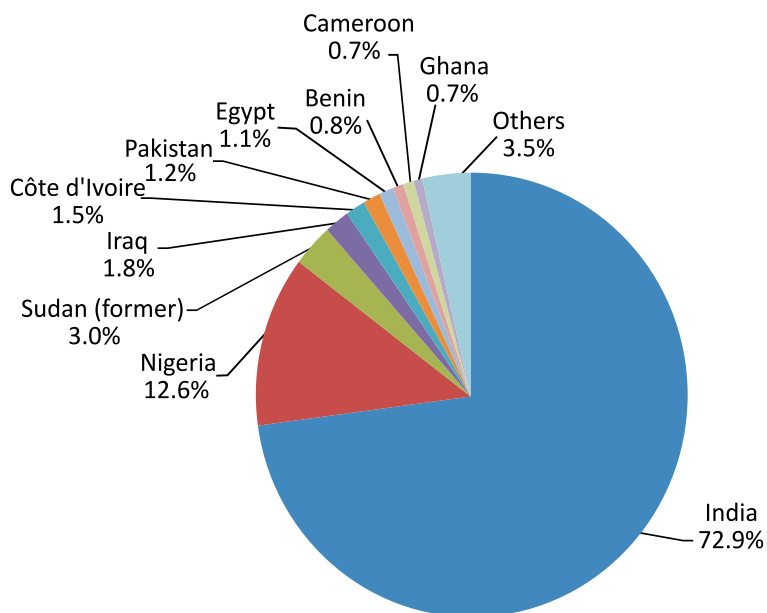


MAJOR OKRA PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
India	530785	6350266	12.0
Nigeria	385000	1100000	2.9
Sudan (former)	22092	263000	11.9
Iraq	20000	160000	8.0
Côte d'Ivoire	50000	134260	2.7
Pakistan	14000	108000	7.7
Egypt	6957	97108	14.0
Benin	17780	68151	3.8
Cameroon	26500	64000	2.4
Ghana	3000	60000	20.0
Others	39817	305425	7.7
World + (Total)	1115931	8710210	7.8

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Okra Producing Countries 2012-13



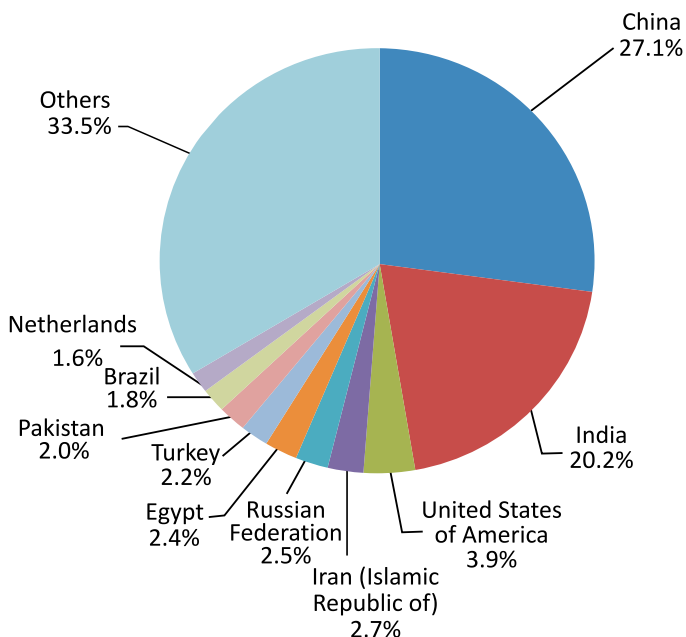


MAJOR ONION PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	1025000	22600000	22.0
India	1051527	16813010	16.0
United States of America	60000	3277460	54.6
Iran (Islamic Republic of)	71000	2260000	31.8
Russian Federation	92100	2080814	22.6
Egypt	60000	2024881	33.7
Turkey	63000	1819000	28.9
Pakistan	129700	1692300	13.0
Brazil	60931	1519022	24.9
Netherlands	27235	1353000	49.7
Others	1656002	27916265	16.9
World + (Total)	4296495	83355752	19.4

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Onion Producing Countries 2012-13



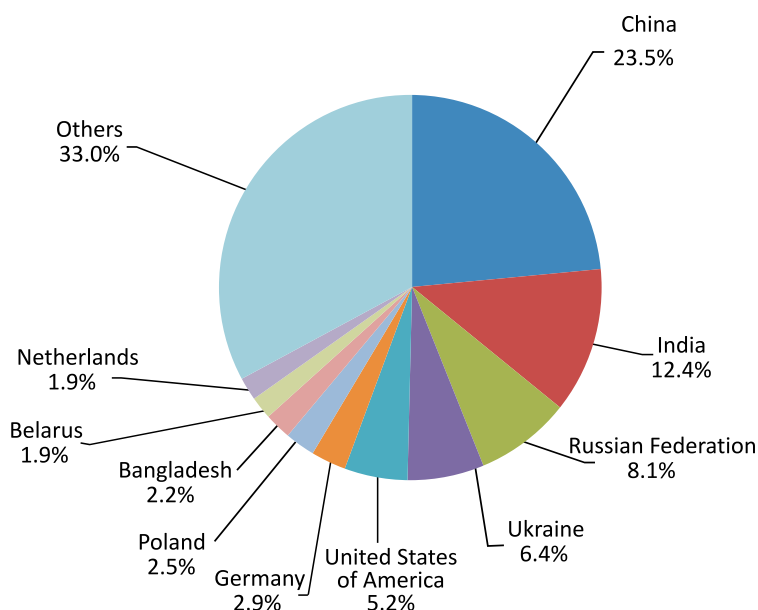


MAJOR POTATO PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	5429000	85860000	15.8
India	1992211	45343590	22.8
Russian Federation	2197200	29532530	13.4
Ukraine	1444100	23250200	16.1
United States of America	458388	19165865	41.8
Germany	238300	10665600	44.8
Poland	373000	9091900	24.4
Bangladesh	430446	8205470	19.1
Belarus	332255	6910945	20.8
Netherlands	149770	6765618	45.2
Others	6249623	120360640	19.3
World + (Total)	19294293	365152358	18.9

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013t

Leading Potato Producing Countries 2012-13



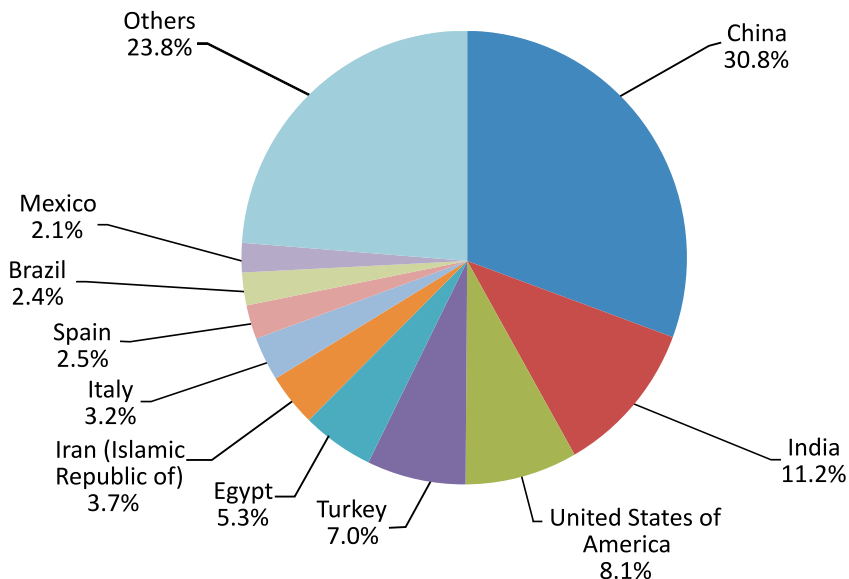


MAJOR TOMATO PRODUCING COUNTRIES IN THE WORLD (2012-13)

Country	Area in HA	Production in MT	Productivity MT/HA
China	1000000	50000000	50.0
India	879632	18226635	20.7
United States of America	150140	13206950	88.0
Turkey	300000	11350000	37.8
Egypt	216395	8625219	39.9
Iran (Islamic Republic of)	160000	6000000	37.5
Italy	91850	5131977	55.9
Spain	48800	4007000	82.1
Brazil	63859	3873985	60.7
Mexico	96651	3433567	35.5
Others	1805985	38665136	21.4
World + (Total)	4813312	162520469	33.8

Source FAO Website : February 2014 and for India Data Indian Horticulture Database 2013

Leading Tomato Producing Countries 2012-13





CHAPTER - V

Export Specifications For Fruits





EXPORT SPECIFICATIONS FOR GRAPES



Sharad Seedless



Flame Seedless

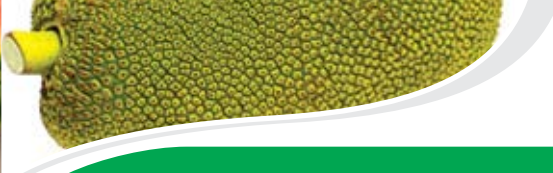


Thompson Seedless

Variety	Countries		
	Middle East	Holland/ Germany	U.K.
Thompson Seedless	Berry Size: 15mm Colour: amber	Berry Size: 16mm Colour: white/amber	Berry Size: 18mm white
Sharad Seedless	Berry Size: 15mm black	Berry Size: 16mm black	Berry Size: 18mm black
Flame Seedless	-----	Berry Size: 16mm pink	Berry Size: 18mm pink
Packing	1 Kg	4.5 Kg /9 kg	4.5 Kg /9kg
Storage Temp.	0-1 °C	0-1 °C	0-1 °C

International Standards of Pesticide Residue Levels

Insecticide/Pesticide	Max. Permissible Limits(mgm/kg)- Europe
Organochlorine Pesticides	nbsp;
Aldrin	ND
Chlordane (cis & trans)	ND
Chlorothalonil	1.00
DDT (all isomers)	ND
Dichlofluanid	10.00
Dicofol	2.00nbsp;



Dieldrin	ND
Endosulfan (all isomers)	0.50
Endrin	0.01
Lindane	0.5
HCH (alpha & beta)	ND
Heptachlor	0.01
Organophosphorus Pesticides	
Acephate	0.02
Azinphos-methyl	1.00
Chlorfenvinphos	0.05
Chlorpyrifos methyl	0.02
Drazinon	0.02
Dichlorvos	0.10
Dimerthoate	1.00
Ehion	0.50
Etrimphos	ND
Fenchlorphos	0.01
Fenitrothion	0.50
Malathion	0.10
Profenophos	0.05
2-chlorophenol(metabolite)	ND
Methamidophos	0.01
Methidathion	0.50
Mevinphos	0.10

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)

EXPORT SPECIFICATIONS FOR MANGO



Alphonso



Kesar

Variety	Countries				
	Middle East	Netherlands / Germany	U.K.	Japan	USA
Alphonso	Wt: 200-250gm	Wt: 250-300gm	Wt: 250-300gm	Wt : 250-300gm	Wt : 250-300gm
Kesar	Wt: 200-250 gm	Wt: 225-250 gm	Wt: 225-250 gm	Wt : 250-300 gm	Wt : 250-300 gm
Packing	1 Doz/2.5 kg	1 Doz/2.5 kg	1Doz/2.5 kg	1 doz/ 3.5 kg	1 Doz/3.5 kg
Storage Temperature	13°C	13°C	13°C	13°C	13°C
Export	By Sea	By Air	By Air	By Air	By Air

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)

EXPORT SPECIFICATIONS FOR POMEGRANATE



Arakta



Ganesh

Variety	Countries		
	Middle East	Netherlands / Germany	U.K.
Ganesh, Bhagwa	300-450 gm Red	250-300 gm Red	250-300 gm Red
Arakata, Mrudula	200-250 gm Deep red	200-250 gm Deep red	200-250 gm Deep red
Packing	5 kg	3 kg	3 kg
Storage	5 °C	5 °C	5 °C
Export	By Sea	By Sea	By Sea

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)

EXPORT SPECIFICATIONS FOR PAPAYA



Taiwan

Variety	Countries	
	Middle East	Europe
Taiwan 785	Pale Green, 1-1.25 kg/Fruit	---
Taiwan 786	Pale Green, 1-1.25 kg/Fruit	---
Solo	----	400-500 gm/fruit
Packing	8 kg	5 kg.
Storage Temp.	10-13 °C	10-13 °C
Transport	By Sea	By Sea

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)

EXPORT SPECIFICATIONS FOR SAPOTA



Cricket Ball

	Middle East
Variety	Cricket ball, Kalipatti
Packing	3 Kg
Storage	15-20°C
Transport	By Sea

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)



EXPORT SPECIFICATIONS FOR MANDARIN



Nagpur
Mandarin

Variety	Countries
	Middle East
Nagpur Mandarin	Fruit Colour : Light orange Fruit Weight : 150-175 Gms Grades : 65-70 mm & 40-45 mm
Packing	65 mm grade - 7 Kg 40 mm grade - 2.5 Kg
Storage	5-7 ° C
Transport	By Sea

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)

EXPORT SPECIFICATIONS FOR BANANA



Grand Naine

Variety	Countries
	Middle East
Grand Naine Cavendish	Colour : Green, Weight of Bunch : 2.5 Kg Fruits preferably straight
Packing	13 Kg
Storage	13-14 °C
Transport	By Sea

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)



EXPORT SPECIFICATIONS FOR VEGETABLES



Lot of vegetables is being exported from Mumbai every day. The major export is by air. However, since last few years export has been started by sea container. The major destination of vegetables export is middle east and gulf countries. The major products in demand & their specifications are.

Commodity	Parameters for Export
Commodity	Parameters for export
Okra	3-5 inch length, green tender, packing 5 kg
Tondali	1-2 inch length, green tender, packing 5 Kg
Bottle Gourd	12 inch length, greenish tender, straight, packing 5 Kg
Peas	5-6 inch length, green tender, straight, packing 5 Kg
Gawar	4-5 inch length, not over matured, packing 5 Kg
Suran	Cleaned, weighing around 5-10 Kg
Green Chilli	3-4 Inch length, green, packing 5 Kg
Drum Sticks	24 Inch length, straight, thick, packing 5 Kg
Lime	20-25 mm, green, packing 5 Kg gunny bags, 20 kg wooden boxes.
Mode of Transport	By Air or By Sea

Source: Maharashtra State Agriculture Marketing Board. Website (Jan, 2009)



ANNEXURE

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- III. LIST OF NHB OFFICES - 3**
- IV. LIST OF NHB PUBLICATIONS - 4**
- V. SOURCE OF DATA - 5**
- VI. AVAILABILITY OF FRESH FRUITS & VEGETABLES IN INDIA -6**
- VII. STATEWISE AREA AND PRODUCTION OF VARIOUS HORTICULTURE CROPS (2012-13) - 7**
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- IX. AREA AND PRODUCTION OF CITRUS CROPS (2012-13) - 9**
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MARKET INFORMATION NETWORK OF NATIONAL HORTICULTURE BOARD

CENTRAL COORDINATION CELL, GURGAON
COMPILATION, ANALYSIS, DISSEMINATION
MONITORING & EVALUATION OF DATA

Market Data

Complied Bulletins

01. ABOHAR	13. JAIPUR	25. PUNE
02. AHMEDABAD	14. JALANDHAR	26. AGRA
03. BANGALORE	15. LUCKNOW	27. KANPUR
04. BHOPAL	16. CHENNAI	28. INDORE
05. BHUBANESHWAR	17. NAGPUR	29. RANCHI
06. MUMBAI	18. PATNA	30. SURAT
07. KOLKATA	19. SHIMLA	31. MADURAI
08. CHANDIGARH	20. SRINAGAR	32. KARNAL
09. DELHI	21. TRIVENDRUM	33. AMRITSAR
10. GANGATOK	22. VIJAYWADA	34. RAIPUR
11. GUWAHATI	23. JAMMU	35. DEHRADUN
12. HYDERABAD	24. NASIK	36. BARAUT



**Back-up Communication
Channel Through**

Phone/Fax/Internet (www.nhb.gov.in)

**Online National Information
Bulleting on NHB's
Website : www.nhb.gov.in**



राष्ट्रीय बागवानी बोर्ड
National
Horticulture Board



Annexure-2

NHB SCHEMES AT A GLANCE

National Horticulture Board (NHB) was set up by the Government of India in 1984 as an autonomous society under the Societies Registration Act 1860. Board has its Head Quarter in Institutional Area, Sector 18, Gurgaon (Haryana).

Aims & Objectives of NHB Schemes-

The broad aims & objectives of all the above mentioned schemes are as under: -

- i) Development of hi-tech commercial horticulture in identified belts
- ii) Development of modern post-harvest management infrastructure as integral part of area expansion projects or as common facility for cluster of projects
- iii) Development of integrated, energy efficient cold chain infrastructure for fresh horticulture produce,
- iv) Popularization of identified new technologies / tools / techniques for commercialization / adoption, after carrying out technology need assessment,
- v) Assistance in securing availability of quality planting material by promoting setting up of scion and root stock banks / mother plant nurseries, carrying out accreditation/ rating of horticulture nurseries and need based imports of planting material,
- vi) Promotion and market development of fresh horticulture produce,
- vii) Promotion of field trials of newly developed/ imported planting materials and other farm inputs, production technology, PHM protocols, INM and IPM protocols, and applied R&D programmes for commercialization of proven technology.
- viii) Promotion of applied R & D for standardizing PHM protocols, prescribing critical storage conditions for fresh horticulture produce, bench marking of technical standards for cold chain infrastructure etc.,
- ix) Transfer of technology to producers/farmers and service providers such as gardeners, farm level skilled workers, operators in cold storages, work force carrying out post harvest management including processing of fresh horticulture produce, and to the master trainers,



- x) Promotion of consumption of horticulture produce and products.
- xi) Setting up Common Facility Centers in Horticulture Parks and Agri-Export Zones.
- xii) Strengthen market intelligence system by developing, collecting and disseminating horticulture database,
- xiii) Carrying out studies and surveys to identify constraints and develop short and long term strategies for systematic development of horticulture and providing technical services including advisory and consultancy services.

1. Development of Commercial Horticulture through Production and Post Harvest Management of Horticulture Crops

Description of components and Pattern of Assistance

- ◆ Production related components: - Credit linked projects relating to establishment of hi-tech commercial production units involving any of the following items are eligible for assistance under this component :-
 - High quality commercial horticulture crops
 - Indigenous crops / produce, herbs, spices
 - Aromatic & Medicinal Plants
 - Seed & Nursery
 - Bio-Technology, micro-biology, bio-chemistry bio-diversity & tissue culture
 - Protected cultivators
 - Bio-pesticides
 - Organic fertilizers, organic foods, bio-dynamic farming, vermi-compost
 - Establishment of Hort. Health clinics / laboratories
 - Hydroponics, Aeroponics
 - Beekeeping and its products
 - Mushrooms and its products
 - Nuts and its products



◆ **Pattern of Assistance**

Credit linked back-ended subsidy @ 20% of the total project cost limited to Rs 25 lakh per project in general area and Rs 30.00 lakh in NE Region, Hilly and Scheduled areas. However, for capital intensive and high value crops under protected cultivation and open air cultivation of date palm, olive and saffron subsidy will be @ 25% of project cost with ceiling of Rs.50 lakh (33% of project cost with ceiling of Rs.60 lakh for scheduled and hilly areas).

◆ **General conditions**

- i) The above assistance shall be available for projects covering area above four hectares (above 10 acres) in case of open cultivation, and more than 1000 sq. meter in case of protected cultivation.
- ii) Credit component as means of finance of the project should be term loan from banking or non banking financial institutions and should be at least 15 % more than the admissible rate of subsidy.
- iii) Projects relating to setting up of new production units shall be appraised to ensure and enable entrepreneur to incorporate essential hi-tech components in the form of planting material, plantation, irrigation, fertigation, precision farming, on farm PHM/ primary processing related infrastructure, GAP etc.; and to that extent, the project shall be integrated in nature.
- iv) Normative cost of various components shall be prescribed by NHB.

◆ **PHM/Primary Processing related components: - credit linked projects involving the following items are eligible for assistance under this component :-**

- Washing, drying, sorting, grading, waxing, packing, palletizing, freezing units etc.
- Pre-cooling units / Cool Stores
- Reefer Van / Containers
- Specialized Transport Vehicle
- Retail outlets
- Auction platform
- Ripening / curing chamber
- Market yards / rope ways



- Irradiation / Vapour Heat Treatment unit
- Primary processing of products (fermentation, extraction, distillation, juice vending, pulping, dressing, cutting, chopping, dehydration etc.)
- Natural colour and dyes extraction
- Essential oils, perfumery and cosmetics out of horticulture products
- Products out of horticulture waste
- Horticulture ancillary industry for promoting indigenous manufacturing of horticulture related farm tools & machineries, equipments, plastics containers, packaging etc.
- Adoption of Quality Assurance Systems (HACCP, TQM, ISO, Euro-GAP etc.)
- Plastic Crates and Bins, Cartons, Aseptic Packaging and Nets

◆ **Pattern of Assistance**

Credit linked back-ended subsidy @ 40% of the total project cost limited to Rs 50 lakh per project in general area and @ 55% of project cost limited to Rs 60.00 lakh in Hilly and Scheduled areas. Pattern of assistance for plastic crates will be 50% of the total cost.

◆ **General Conditions for PHM/PP Projects are given in detailed guidelines.**

2. Capital Investment Subsidy Scheme for construction/ expansion/ modernization of Cold Storages/Storages of Horticulture Produce

Description of components and Pattern of Assistance

- **Components:** - Credit linked projects relating to Cold Storages including Controlled Atmosphere (CA) and Modified Atmosphere (MA) Stores, pre-cooling units, other Storages for onion, etc., their modernization are eligible for assistance under this component.
- **Pattern of Assistance:** - The assistance will be as credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled Areas for a maximum storage capacity of 5000 MT per project for item (a) to (d) below: -



◆ General conditions for cold storage projects

- Multi-chamber cold storages with mezzanine floors of RCC and or wooden structure for products not requiring pre-cooling, temperature range 0°C plus to 16°C or above with fin-coil cooling system, with control system for humidity (RH 80% to 95% in general and 65%-70% for onion & garlic or appropriate level for seed storage etc) and appropriate handling of stored commodity with safety system against accidents of fire, leakage of refrigerant etc. Minimum of two chambers, Standard insulation material, with civil structure, insulations and cooling system as per prescribed Standards - @ Rs 6,000 per MT
- Multi-chamber and Multi-Product cold storage for whole range of horticulture produce but without pre-cooling system (temperature range from -2°C or lower to +16°C plus (with temperature, humidity and CO₂ control (RH= 80% to 95% for F & V in general and 65%-70% for onion & garlic or appropriate level for seed storage etc), fin-coil cooling system and energy saving devices for peak and lean load period, heat exchanger with CO₂ control system, appropriate technology for control of microorganism / dust mite and mechanical handling of stored commodity such as racks, pallets & forklift / stacker (as per site conditions); bags/ bins and crates/ CFB boxes and also safety devices against accident.
 - i) With civil structure/ pre-fabricated engg. Structure, insulation, cooling system etc as per prescribed standards excluding cold storage with mezzanine floors @ Rs 7000/- per MT
 - ii) With civil structure/ pre-fabricated engg. structure, insulation, cooling system etc. as per prescribed standards (excluding cold storage with mezzanine floors) and having on-farm or off-farm pack house facility of washing / de-sapping (as per requirement), drying, sorting, grading, waxing, packing etc and pre-cooling @ Rs 8000/- per MT.
 - iii) Modernization of Cold Storages
 - a) Up gradation of thermal insulation
 - b) Up gradation of cooling system, refrigeration, air flow, electric installation, handling devices, safety devices etc.



Project based @ maximum 1000/MT for (i) and up to Rs. 2000/MT for (ii) above

Benefit of (i) and (ii) above may go together for complete modernization.

iv) CA Storages (@ Rs 32,000 per MT)

v) Credit components as means of finance of the project should be term loan from banking or non banking financial institutions and should be at least 15% more than the admissible rate of subsidy.

vi) Only such projects under this component shall be eligible to get financial assistance as per revised norms, which meet prescribed minimum technical standards; this shall be ascertained as per implementation protocols prescribed in this regard.

vii) Rack, pallets and design-appropriate system for mechanized handling are incorporated in above type designs.

viii) In respect of projects, which have addition of components or technically recommended different combinations of components of pre-cooling, pack house etc, the normative cost shall be worked out by the Committee of the Board.

ix) NHB assistance is available only when notified latest technical standards and protocol for the purpose by the Ministry of Agriculture are followed by the beneficiary.

3. Technology Development and Transfer for promotion of Horticulture

Components

i) Introduction of New Technology

ii) Visit of progressive farmers

iii) Promotional and Extension Activities

iv) Technical knowhow from India/Abroad

v) Technology Awareness

vi) Organising/participation in seminars/symposia/exhibitions

vii) Udyan Pandit



- viii) Publicity and Films
- ix) Awareness for technology up gradation and markets
- x) Honorarium to scientists for effective transfer of technology.
- xi) Accreditation and Rating of Horticulture Nurseries
- xii) Mother Plant Nurseries for pedigreed planting material for fruit crops
- xiii) Assistance for Common Facilities in Horticulture Parks/ Agri Export Zones etc.

4. Market Information Service for Horticulture Crops

Objectives

- i) To generate information on wholesale prices, arrivals and trends in various markets of the country for important fruits, vegetables & flowers etc and also on retail prices for increased number of selected markets
- ii) To analyze the trends of arrivals, prices and other related factors of the selected fruit and vegetables such as stock in storage, crop stand etc and generate Market Intelligence Reports
- iii) To establish a nation-wide communication network for speedy collection and dissemination of market information data for its efficient and timely utilization.
- iv) To prepare farmers' advisory and issue the same for the benefit of producer farmers especially by making use of statistics so generated and collected for optimizing returns to the producers
- v) To collect and disseminate information on international prices prevailing in potential foreign markets
- vi) To collect and compile horticulture database and strengthen existing system of 'Crop Estimation Survey-Fruits & Vegetables' (CES-F &V) as far as possible

5. Horticulture Promotion Service

Under this component, specialized studies and surveys shall be carried and study / survey reports shall be brought out for use by targeted beneficiaries. In addition, technical laboratories shall be set up or cause to be set up and also provide technical services including advisory and consultancy services. This shall be done by NHB with or without services of outsourced experts.



Components

- i) Review the present situation of horticulture development in particular area/ State
- ii) Identify constraints in horticulture development and suggest their remedial measures
- iii) Develop short term and long term strategies for systematic development of horticulture,
- iv) Develop primary/secondary data of various aspects on horticulture,
- v) Provide consultancy services, expert services & establishing labs etc. in pursuance thereof,
- vi) Conduct technical scrutiny and certification of cold chain infrastructure as per implementation protocol for Technical Standards for cold storages etc.
- vii) Preparing reports relating to export competitiveness in the area of fresh horticulture produce,
- viii) Any other component of expert services provided by NHB addressing to identified needs of the sector

Eligible Organisations

Unless otherwise specified, organizations/promoters, such as NGOs, Associations of Growers, Individuals, Partnership/Proprietary Firms, Companies, Corporations, Cooperatives, Agricultural Produce Marketing Committees, Marketing Boards/ Committees, Municipal Corporations/ Committees, Agro-Industries Corporations, SAUs and other concerned R&D organizations are eligible to get assistance under all the NHB schemes.



Annexure-3

LIST OF NHB OFFICES

1. National Horticulture Board
Vikas Bhawan, Fazilka Road,
ABOHAR - 152116
Tele/Fax : 01634-230822
2. National Horticulture Board
C/o Suprintendent Garden,
Shahjan Park, Tajganj,
AGRA - 282001
Tele/Fax : 0562-2331470
3. National Horticulture Board
Plot No. 60, 3rd Floor Krishna Apartment
Azad Society, Ambawadi
AHMEDABAD-380 015 (Guj)
Tele/Fax : 079-26766416, 26766413
E-mail : nhbahd@yahoo.co.in
4. National Horticulture Board
C/o Directorate of Horticulture,
Room No. 13, 2nd Floor,
Kheti Bhawan, Ranjeet Avenue,
AMRITSAR - 143001
Tele/Fax : 0183-2500236
5. National Horticulture Board
C/o Regional Institute of Rural Dev.,
Delhi - Saharanpur Road,
BARAUT, DISTT. BAGHPAT
Tele/Fax : 01234-251157
6. National Horticulture Board
No. 14/43, 2nd Floor, 1 & 2 Stage
Industrial Suburb, Tumkur Road,
Yeshwantpur
BANGALORE - 560022
Tele/Fax : 080-23371935, 23374149
E-mail : nhbblr@yahoo.com
7. National Horticulture Board
32, Purjor House, 1st Floor,
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8. National Horticulture Board
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BHUBANESHWAR - 751015
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9. National Horticulture Board
SCO No. 85, 2nd Floor, Sec. - 40C,
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10. National Horticulture Board
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SIDCO Readymade Garment Complex
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11. National Horticulture Board
179, Phase-II, Vasant Vihar,
DEHRADOON - 248001
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12. National Horticulture Board
Chang Choop Building
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GANGTOK - 737101
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E-mail : nhbgangtok@yahoo.com
13. National Horticulture Board
Chhibber House,
4th Floor, Dispur P.O.,
GUWAHATI - 781005
Tele/Fax : 0361-2343719, 2340695
E-mail : nhbghy@gmail.com
14. National Horticulture Board
202, 2nd Floor, Shantiniketan Apartment,
Chirag Ali Lane ABIDS,
HYDERABAD - 500001
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E-mail : nhb.govhyd@gmail.com



National Horticulture Board
Residency Kothi (Complex)
INDORE - 452001

National Horticulture Board
2nd Floor, 5, Vijay Laxmi Mahima
Near Lal Kothi, Subzimandi
Shahkarmarg, JAIPUR - 302015
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National Horticulture Board
C/o Director of Horticulture,
Horticulture Complex, Cantt. Road,
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Tele/Fax : 0181-223048

National Horticulture Board
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National Horticulture Board
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KANPUR
Tele/Fax : 0512-2607631

National Horticulture Board
Diwan Colony,
KARNAL - 132001

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24. National Horticulture Board
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APMC Fruit Market Complex,
Sector-19, Turbhi, Vashi,
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25. National Horticulture Board
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26. National Horticulture Board
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27. National Horticulture Board
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29. National Horticulture Board
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E-mail : nhbpune@yahoo.com
nhbpune@gmail.com



30. National Horticulture Board
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31. National Horticulture Board
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32. National Horticulture Board
HPMC, IInd Floor Nigam Vihar,
SHIMLA - 171002 (H.P.)
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33. National Horticulture Board
Horticulture Complex,
Rajbagh,
SRINAGAR - 190008
E-mail : nhbjammu@rediffmail.com
34. National Horticulture Board
310/311, 3rd Floor,
I.D. Shopping Centre,
Near, Shivaji Statue,
Sahara Darwaja,
SURAT - 395003
Tele/Fax : 0261-2311343
35. National Horticulture Board
Space - 1,2 & 3, Lower Ground Floor
Trans towers,
Opposite Womens College
Vazhuthacaud, Thycad. P.O.
TRIVANDRUM - 695014
Tele/Fax : 0471-2337578-79
nhbtvm@gmail.com
36. National Horticulture Board
Municipal Stadium Complex
VIJAYAWADA - 520010

LIST OF NHB PUBLICATIONS

Regular Publication

1. Horticulture Information Service (Monthly)
Annual Subscription
Commercial Organisation Rs. 750/-
Institutes and Libraries Rs. 650/-
Single Copy Rs. 75/-
2. Facts and Figures (Indian Fruit & Vegetable) Rs. 600/-
3. NHB Production Year Book 1997 Rs. 500/-
4. Indian Horticulture Database (1998)..... Rs. 850/-
5. Indian Horticulture Database (1999) Rs. 500/-
6. NHB Production Year Book (2001) Rs. 300/-
7. Indian Horticulture Database (2001) Rs. 650/-
8. Indian Horticulture Database (2002) (Released in November 2002)..... Rs. 650/-
9. Indian Horticulture Database (2003) (with CD-Rom) Rs. 850/-
Indian Horticulture Database (2003) (without CD-Rom)..... Rs. 650/-
Indian Horticulture Database (2003) (only CD-Rom).....Rs. 250/-
10. Indian Horticulture Database (2004) Rs. 650/-
11. Indian Horticulture Database (2005) Rs. 700/-
12. Indian Horticulture Database (2006) Rs. 700/-
13. Indian Horticulture Database (2008) Rs. 700/-
14. Indian Horticulture Database (2009) Rs. 700/-
15. Indian Horticulture Database (2010) Rs. 700/-
16. Indian Horticulture Database (2011) Rs. 700/-
17. Indian Horticulture Database (2012) Rs. 700/-

Other Publication

1. First National Conference on Bee keeping Rs. 75/-
2. Wholesale Marketing of Fruits and Vegetables in Metropolitan Cities (1991-95).....Rs. 400/-
3. Wholesale & Retail Marketing of Fruits & Vegetable inMetropolitan Cities (1995-99).....Rs. 300/-
4. Market Profile of Important Wholesale Fruit & Vegetable of the Country.....Rs. 200/-
5. Operational Guidelines (January, 2007)Rs. 50/-
6. Operational Guidelines (July, 2010) Rs. 50/-
7. Approaches for Sustainable Development for HorticultureRs. 500/-
8. Horticulture in IndiaRs. 500/-
9. Indian Horticulture - A Road MapRs. 500/-

Note : Demand Draft must be sent in favour of National Horticulture Board payable at Gurgaon (Haryana)



SOURCES

1. MINUTES OF THE MEETING OF REVIEW COMMITTEE OF DEPARTMENT OF AGRICULTURE & COOPERATION ISSUED VIDE LETTER DATED 23-12-2013.
2. DIRECTORATE OF HORTICULTURE / AGRICULTURE (RESPECTIVE STATE GOVERNMENTS)- FOR FRUITS, VEGETABLES, FLOWERS, AROMATICS & MEDICINAL PLANTS & NUTS.
3. DIRECTORATE OF ECONOMICS AND STATISTICS, MINISTRY OF AGRICULTURE, GOVERNMENT OF INDIA (CES F&V SCHEME).
4. DIRECTORATE OF SPICES AND ARECANUT, DIRECTORATE OF CASHEW AND COCOA, COCONUT DEVELOPMENT BOARD.
5. EXPORT-APEDA WEBSITE JANUARY 2014.
6. WORLD STATISTICS-FAO WEBSITE FEBRUARY 2014, EXCEPT INDIAN DATA (SOURCE NHB DATA BASE)
7. EXPORT SPECIFICATIONS : MAHARASTRA STATE AGRICULTURE MARKETING BOARD.
8. CHECK LIST OF COMMERCIAL VARIETIES OF FRUITS/VEGETABLES/PLANTATION CROPS, MINISTRY OF AGRICULTURE, GOVT. OF INDIA.



**AREA AND PRODUCTION OF FRUITS AND VEGETABLES - ALL INDIA
(2012-13)**

Fruits	Area	Production	Vegetables	Area	Production
Almond	21.40	9.34	Beans	123.51	1268.90
Aonla	108.06	1266.46	Bitterguard	83.22	940.15
Apple	311.50	1915.38	Bottleguard	113.92	2089.89
Banana	776.00	26509.10	Brinjal	722.07	13443.59
Ber	40.53	438.01	Cabbage	372.36	8534.23
Citrus			Capsicum	29.14	153.35
(i) Lime/Lemon	255.21	2523.51	Carrot	64.27	1144.54
(ii) Mandarin	311.18	2906.31	Cauliflower	402.20	7886.73
(iii) Sweet Orange (Mosambi)	323.15	3519.91	Cucumber	40.90	640.99
(iv) Others	152.95	1140.01	Muskmelon	41.82	868.02
Citrus Total (I to iv)	1042.49	10089.73	Okra	530.79	6350.27
Custardapple	19.55	135.64	Onion	1051.53	16813.01
Grapes	117.63	2483.09	Peas	420.90	4006.17
Guava	235.61	3198.28	Potato	1992.21	45343.59
Jackfruit	66.73	1175.70	Radish	170.30	2410.78
Kiwi	3.95	7.17	Sitaphal/Pumpkin	16.17	372.82
Litchi	82.74	580.08	Sweet Potato	111.76	1132.36
Mango	2500.02	18002.38	Tapioca	206.96	7236.59
Papaya	132.18	5381.73	Tomato	879.63	18226.64
Passion Fruit	18.02	100.51	Watermelon	80.59	1789.23
Peach	19.24	97.94	Others	1750.94	21534.73
Pear	42.30	295.09	Total	9205.19	162186.58
Pineapple	105.17	1570.59			
Plum	23.94	74.12			
Pomegranate	113.25	744.96			
Sapota	163.88	1495.04			
Walnut	122.65	233.12			
Others	915.18	5481.87			
TOTAL FRUITS	6982.02	81285.33			



STATEWISE AREA AND PRODUCTION OF FRUITS FOR THE YEAR 2012-13

Area in '000 HA
Production in '000 MT

STATES/UTS	APPLE		BANANA		CITRUS		GRAPES		GUAVA		LITCHI		MANGO		PAPAYA		PINEAPPLE		POMEGRANATE		SAPOTA		OTHER FRUITS		TOTAL FRUITS	
	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P
ANDAMAN NICOBAR			1.68	18.35	0.27	1.31			0.05	0.42			0.30	2.80	0.33	2.38	0.23	0.69	0.02	0.06	0.16	3.12	0.21	1.60	3.25	30.73
ANDHRA PRADESH	92.65	3242.80	253.37	3800.59	1.58	31.51	12.30	184.48					489.66	4406.92	20.65	1651.96			6.20	62.01	13.18	131.77	51.16	427.04	940.74	13939.08
ARUNACHAL PRADESH	14.07	30.95	6.13	18.19	39.40	175.71											12.28	67.58					14.98	18.82	86.86	312.24
ASSAM			51.51	837.02	30.20	323.39			5.27	105.83	5.63	49.64	5.39	55.27	8.74	174.59	16.24	268.82					27.75	259.27	150.71	2073.82
BIHAR			33.06	1702.41	18.04	136.42			29.74	259.48	31.28	256.43	147.74	1363.90	1.81	44.28	5.13	139.22					34.66	347.15	301.45	4249.19
CHHATTISGARH			18.68	413.40	12.15	80.73			17.12	140.91	4.99	30.89	60.15	291.93	11.88	289.89			0.14	0.41	0.20	0.84	70.30	453.42	195.61	1702.32
D & N HAVELI					0.00	0.00																	0.00	0.00	0.00	0.00
DAMAN & DIU					0.00	0.00																	0.00	0.00	0.00	0.00
DELHI					0.00	0.00																	0.00	0.00	0.00	0.00
GOA			2.29	25.92	0.00	0.00							4.77	9.04			0.29	4.80					3.82	41.15	11.16	80.90
GUJARAT			70.58	4523.40	40.80	433.12			10.61	158.05			141.26	1003.71	19.54	1189.31			7.40	79.02	28.80	309.90	62.51	716.37	381.50	8413.17
HARYANA					18.78	225.05	0.05	0.71	10.38	107.56	0.20	1.64	9.01	79.55							1.48	8.27	9.63	93.29	49.53	516.07
HIMACHAL PRADESH	106.23	412.40	0.09	0.39	22.80	24.32	0.11	0.13	2.22	2.76	4.74	3.06	39.81	50.00	0.22	1.18			1.98	1.35	0.05	0.02	39.78	60.12	218.03	555.71
JAMMU & KASHMIR	157.28	1348.15			13.88	20.81	0.34	0.75	2.37	5.69	0.96	0.97	12.50	23.09					0.01	0.00			159.88	342.68	347.22	1742.14
JHARKHAND			0.52	1.26	8.79	87.67			8.64	95.37	5.27	58.24	51.33	517.92	0.51	5.11			0.51	2.10			17.44	122.08	93.01	889.74
KARNATAKA			97.40	2929.60	18.10	399.00	19.70	320.90	6.80	134.90			176.80	1795.10	6.60	460.20	2.70	165.30	15.10	150.30	31.70	373.30	11.30	287.00	388.20	6619.60
KERALA			61.01	515.61	0.00	0.00							74.44	441.03	16.46	96.93	8.54	72.86					154.10	1457.50	314.56	2383.92
LAKSHADWEEP			0.13	0.30	0.00	0.00			0.01	0.02					0.03	0.06			0.01	0.00	0.01	0.03	0.04	0.07	0.22	0.48
MADHYA PRADESH			25.76	1701.00	68.73	1188.00	0.15	2.00	21.28	801.00			25.18	376.00	12.54	413.00			2.16	23.00			39.56	946.00	195.36	5450.00
MAHARASHTRA	82.00	3600.00	277.00	861.00			90.00	2050.00	39.00	316.00			482.00	633.00	10.00	363.00			78.00	408.00	73.00	385.00	418.00	1200.00	1549.00	9785.00
MANIPUR			6.58	88.18	10.67	72.80											13.06	124.14					21.62	155.47	51.93	440.59
MIZORAM			6.96	83.99	10.51	44.11									0.71	5.50	10.82	108.39					4.64	73.58	33.15	316.57
NAGALAND	0.10	0.60	7.00	80.00	7.25	62.00	0.19	0.12	0.40	2.00	0.30	2.00	0.42	3.00	1.20	7.50	9.00	85.00	0.10	0.40			11.27	33.33	37.23	275.95
ODISHA			27.49	521.31	27.79	270.65			14.23	103.73	4.46	20.26	197.46	753.79	3.73	82.00	0.90	11.00	0.23	0.88	3.37	15.94	49.72	430.96	329.38	2210.42
PUNJAB			0.12	4.77	0.01	0.09			0.06	0.51			0.20	3.41							0.04	0.34	0.04	0.22	0.48	9.34
RAJASTHAN *			0.17	9.79	49.24	1015.63	0.44	12.52	8.07	177.57	1.75	26.52	6.66	105.92									8.56	154.57	74.99	1502.52
SIKKIM	0.05	0.03	1.62	3.89	9.46	16.85			5.40	74.80			5.00	70.17	0.90	16.01			1.01	5.50	0.02	0.08	9.42	93.90	46.82	716.82
TAMIL NADU	0.00	0.03	111.36	5136.20	10.78	35.09	2.68	43.38	8.33	46.14			152.43	714.08	0.96	184.24	0.65	20.82	0.38	11.90	7.59	240.36	14.78	286.04	309.94	6699.88
TRIPURA			13.58	133.70	9.50	47.15			0.52	2.74	3.46	17.97	8.38	28.85	2.73	27.08	11.84	165.01			0.13	1.25	9.98	274.12	60.12	697.87
UTTAR PRADESH			2.35	111.32	0.55	1.60			15.30	291.40	0.32	1.59	274.03	4386.99	0.18	12.86							33.43	370.38	326.18	576.14
UTTARAKHAND	33.76	123.23			27.97	138.99			1.82	11.36	9.49	19.16	39.85	148.64									87.97	364.30	200.85	805.67
WEST BENGAL			44.70	1077.80	11.71	109.40			14.20	184.00	9.19	90.00	92.50	735.00	11.30	331.00	10.50	310.00			4.15	44.80	22.35	290.30	220.80	3172.50
TOTAL	311.50	1915.38	776.00	26599.10	1042.49	10089.73	117.63	2483.09	235.61	3198.28	82.74	580.08	2500.02	18002.38	132.19	5381.73	105.17	1570.59	113.25	744.96	163.88	1465.04	401.56	8314.98	16892.02	81265.33



STATEWISE AREA AND PRODUCTION OF CITRUS CROPS DURING THE YEAR 2012-13

Area in '000 HA
Production in '000 MT

STATE/UT'S	LIME/LEMON		MANDARIN(M. ORANGE , KINNOW,ORANGE)		SWEET ORANGE(MALTA , MOSAMBI)		OTHER CITRUS		TOTAL	
	A	P	A	P	A	P	A	P	A	P
ANDAMAN NICOBAR	0.22	1.10	0.02	0.10	0.03	0.11			0.27	1.31
ANDHRA PRADESH	49.30	739.53			204.07	3061.06			253.37	3800.59
ARUNACHAL PRADESH							39.40	176.71	39.40	176.71
ASSAM	14.21	125.89	15.85	195.82	0.14	1.68			30.20	323.39
BIHAR	18.04	136.42							18.04	136.42
CHHATTISGARH	11.88	79.50			0.27	1.23			12.15	80.73
D & N HAVELI									0.00	0.00
DAMAN & DIU									0.00	0.00
DELHI									0.00	0.00
GOA									0.00	0.00
GUJARAT	40.80	433.12							40.80	433.12
HARYANA							18.78	225.05	18.78	225.05
HIMACHAL PRADESH	10.35	6.03	8.61	13.21	1.54	1.93	2.31	3.14	22.80	24.32
JAMMU & KASHMIR							13.88	20.81	13.88	20.81
JHARKHAND	8.79	87.67							8.79	87.67
KARNATAKA	11.80	275.20	3.20	71.80	2.90	50.60	0.20	1.40	18.10	399.00
KERALA									0.00	0.00
LAKSHADWEEP									0.00	0.00
MADHYA PRADESH	10.68	235.00	49.52	844.00	8.53	109.00			68.73	1188.00
MAHARASHTRA	45.00	246.00	133.00	370.00	99.00	245.00			277.00	861.00
MANIPUR	5.65	40.16	5.02	32.64					10.67	72.80
MEGHALAYA	1.07	3.72	8.42	39.62			0.54	0.76	10.03	44.11
MIZORAM	7.93	25.14	8.96	24.10	1.50	4.65	2.12	6.78	20.51	60.68
NAGALAND	1.50	10.00	5.50	50.00	0.25	2.00			7.25	62.00
ODISHA							27.79	270.65	27.79	270.65
PUDUCHERRY	0.01	0.09							0.01	0.09
PUNJAB	0.63	4.83	45.85	988.63	2.76	22.17			49.24	1015.63
RAJASTHAN	4.51	33.94	10.50	227.38	1.70	16.67	8.00	177.60	24.71	455.59
SIKKIM				16.85					9.46	16.85
TAMIL NADU	8.42	20.14	1.99	3.74	0.11	3.49	0.26	8.72	10.78	36.09
TRIPURA	3.86	18.42	5.28	28.41	0.36	0.32			9.50	47.15
UTTAR PRADESH	0.55	1.60							0.55	1.60
UTTARAKHAND							27.97	138.99	27.97	138.99
WEST BENGAL							11.71	109.40	11.71	109.40
TOTAL	255.21	2523.51	311.18	2906.31	323.15	3519.91	152.95	1140.01	1042.49	10089.73

STATEWISE AREA AND PRODUCTION OF VEGETABLE FOR THE YEAR 2012-13

STATES/UTS	BRINJAL		CABBAGE		CAULIFLOWER		OKRA		ONION		PEAS		POTATO		SWEET POTATO		TOMATO		OTHER VEG.		TOTAL		
	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	
ANDAMAN NICOBAR	0.46	3.55	0.19	1.40	0.29	1.82	0.53	3.70							0.15	0.85	0.14	1.22	4.62	31.62	6.36	44.16	
ANDHRA PRADESH	80.76	1615.25	5.43	81.45	1.40	20.95	74.25	1113.81	86.67	1560.06	2.90	29.03	9.48	189.60	0.28	5.58	260.91	5218.10	164.00	2270.82	686.08	12104.65	
ARUNACHAL PRADESH																	0.55	14.85	0.20	3.80	1.52	37.56	
ASSAM	16.81	267.94	31.57	652.67	21.71	449.25	11.52	169.11	8.53	30.90	21.57	16.29	99.77	975.27	9.62	40.97	17.29	402.49	40.36	410.18	278.74	3415.07	
BIHAR	56.22	1291.54	39.73	778.55	63.11	1193.73	59.24	854.22	53.02	1107.84	10.02	88.71	322.46	6640.55	0.47	9.83	47.80	1126.25	209.74	324.46	861.79	16325.68	
CHHATTISGARH	31.20	545.69	16.55	295.52	19.57	341.99	26.47	269.18	17.95	269.28			43.35	646.62	3.71	37.80	47.97	762.22	173.89	1823.55	380.66	4993.95	
D & N HAVELI	0.50	2.20															0.40	1.80	0.20	1.50	1.10	5.50	
DAMAN & DIU																			0.00	0.00	0.00	0.00	
DELHI	1.28	22.05		4.85	89.06	1.54	19.63	0.81	15.50	0.72	8.87	0.69	14.65			1.04	19.16	17.00	250.38	27.92	439.32		
GOA																			6.65	80.51	6.65	80.51	
GUJARAT	76.75	1341.05	30.92	663.53	28.62	532.28	65.66	723.33	28.85	704.38			81.27	2498.73			44.00	1156.72	181.57	2899.67	537.64	10520.69	
HARYANA	18.29	302.89	14.81	270.37	30.44	492.26	18.03	154.09	27.80	604.47	15.08	107.54	29.47	676.02			27.61	400.81	178.80	2002.86	360.33	5011.31	
HIMACHAL PRADESH	1.09	23.52	4.39	149.67	4.35	101.71	2.92	30.34	2.27	39.36	23.67	280.23	14.43	180.57			9.93	413.71	16.82	302.02	79.46	1521.13	
JAMMU & KASHMIR	2.02	45.24	2.49	73.23	3.25	85.26	2.52	42.99	2.85	66.27	2.79	58.08	6.91	127.24			3.58	88.09	36.65	810.08	63.06	1395.47	
JHARKHAND	24.21	297.14	31.14	480.23	24.72	381.21	32.92	447.40	17.21	322.15	24.13	358.22	47.21	559.61			26.36	250.21	93.96	1129.20	321.46	4235.38	
KARNATAKA	16.10	421.40	9.60	209.90	4.70	83.00	9.40	80.20	159.60	2395.90	1.50	22.90	44.40	698.30	2.50	34.70	57.80	1916.60	131.00	1979.00	436.60	7841.90	
KERALA													0.32	5.44	0.25	4.16			145.48	3497.32	146.05	3446.91	
LAKSHADWEEP	0.02	0.03									0.01	0.01			0.03	0.13	0.01	0.01	0.18	0.15	0.25	0.33	
MADHYA PRADESH	40.70	1016.00	19.28	567.00	24.56	690.00	25.74	297.00	111.73	2691.00	53.45	534.00	108.87	2299.00	2.51	45.00	62.59	1845.00	163.35	2590.00	612.77	12574.00	
MAHARASHTRA	26.00	578.00	20.00	421.00	11.00	238.00	22.00	328.00	280.00	4660.00	10.00	51.00	14.00	321.00			50.00	1050.00	61.00	361.00	474.00	8008.00	
MANIPUR	6.02	63.87		2.57	25.97						4.95	50.59								8.19	79.39	21.73	219.92
MEGHALAYA	0.96	13.05	1.79	38.13	1.12	40.35			0.47	3.95	0.85	5.51	18.14	172.96	4.44	15.06	2.00	30.23	10.68	84.14	40.45	403.37	
MIZORAM	2.20	15.62	3.02	40.08	0.15	1.49	3.05	20.74	0.43	3.96	0.45	2.08	0.25	3.15	0.17	1.09	0.80	7.39	28.81	141.08	39.33	236.68	
NAGALAND	0.30	3.00	2.00	20.00	0.55	2.60	0.04	0.24	0.65	6.00	1.40	13.00	3.80	32.00	1.50	15.00	1.50	6.00	14.27	109.90	26.01	207.74	
ODISHA	130.08	2193.72	40.98	1148.21	44.70	675.47	67.04	593.93	34.92	419.09	5.88	52.76	14.14	201.06	43.46	410.10	96.55	1382.78	210.38	2386.87	688.14	9463.99	
PUDUCHERRY	0.22	3.33					0.09	0.88	0.01	0.09					0.04	0.41	0.01	0.15	1.09	20.14	1.46	25.00	
PUNJAB	3.83	81.27	4.93	86.67	10.11	180.71	3.17	32.98	8.76	183.65	20.33	208.17	85.25	2132.31			6.98	170.83	41.24	706.02	184.10	3782.61	
RAJASTHAN	5.55	28.38	1.19	5.69	9.42	36.61	4.02	12.88	139.05	476.21	10.74	21.70	9.17	107.20	0.50	1.84	15.51	73.57	29.28	109.62	224.43	873.50	
SIKKIM	0.26	1.66	1.21	7.25	0.78	4.17	1.13	7.46	0.32	1.71	2.00	9.15	10.06	49.14			1.00	8.96	8.84	43.02	25.56	132.51	
TAMIL NADU	10.31	114.74	2.04	130.42	0.95	20.17	8.27	75.98	37.70	429.72			5.05	105.11	0.42	9.11	23.72	302.27	189.32	670.41	277.78	7897.93	
TRIPURA	3.47	52.38	2.96	76.34	2.49	50.62	1.66	15.83					8.32	149.05			1.57	38.30	24.63	371.53	45.10	754.05	
UTTAR PRADESH	3.13	106.36	2.15	73.38	10.72	240.97	12.44	159.30	26.63	474.01	175.01	1877.93	603.76	14430.28	18.83	264.83	7.23	310.81	52.76	1633.68	912.66	19571.56	
UTTARAKHAND	2.33	27.12	5.76	72.81	2.76	36.72	3.34	27.94	3.82	39.40	11.65	78.29	25.04	434.44			8.79	102.49	24.55	240.36	88.03	1059.57	
WEST BENGAL	161.00	2985.60	77.80	2179.20	73.00	1865.00	74.60	869.10	22.00	309.10	21.80	132.11	386.61	11591.30	22.90	236.10	56.00	1125.00	452.25	4195.70	1347.96	25466.81	
TOTAL	722.07	13443.59	372.36	8534.23	402.20	7886.73	530.79	6350.27	1051.53	16813.01	420.90	4006.17	1992.21	45343.59	111.76	1132.36	879.63	18226.64	2721.74	40449.99	9205.19	162186.57	





Area in '000 HA
Production in '000 MT

[illegible]



STATEWISE AREA AND PRODUCTION OF FLOWERS DURING THE YEAR 2012-13

Production in '000 MT

[illegible]



Get Star Rating for Your Commercial Nursery for Fruit Plants

Before making application for Star Rating of your Nursery carry out self audit and ensure that:

- Mother Plants are duly marked and numbered
- Infrastructure Facilities for Production of Disease Free, Healthy Planting Material is available in the Nursery
- Nursery is being operated by trained workmen
- Records for Production, Survival, Sales and Purchase of Planting Materials are duly maintained
- You trade in quality planting materials produced by accredited nursery only

**Why delay if your Nursery meets
requirements of accreditation?**

You may apply online also for the star rating of your commercial fruit nursery by National Horticulture Board.



National Horticulture Board

National Horticulture Board

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