

# Guava

## Manuring & Fertilization

It is suggested that a bearing guava tree should be fertilized with 300-400 g N, 250 g to 350 g each of  $P_2O_5$  and  $K_2O$  along with 30-40 kg FYM each year.

In case of young plants, the fertilizers may be applied in circular trench along the periphery of the root zone. In case of older plants the fertilizers may be broadcasted over a radius of 120cm from the base and forked in lightly without damaging the roots. The organic manure may be applied as mulch on the surface. Foliar spraying of potassium (as potassium sulphate 1.0 to 2.0%), calcium (as calcium nitrate, 1.0 to 2.0%) has been found effective in increasing yield and improving fruit quality.

Age of plants (Years)	FYM (Kg)/plant	N (Gm)	P (Gm)	K (Gm)
1	5 to 8	100	50	50
2	10	200	100	100
3	15 to 25	300	150	150
4	25 to 30	400	200	200
5	40 to 50	500 to 650	250 to 325	250 to 375

For the first four years FYM is applied in the month of June. Inorganic fertilizers are given in three split doses distributed equally in the months of July, September and February. During the bahar treatment i.e. when the irrigation is cut off, along with FYM half dose of nitrogen and full dose of phosphorus and potassium are to be given. The remaining half of the N is given 1 to 1.5 months after bearing of the fruits.