

## **Planting**

## **Land Preparation**

The field is ploughed to fine tilth by giving four to five ploughing with a sufficient interval between two ploughing. Planking should be done for proper levelling.

The transplanting is done on the flat land, ridges or in furrows depending on climate and soil conditions. For early planting, ridge method is suitable especially in areas where the rains occur at the time of planting. In saline soils, planting in furrows and in dry areas transplanting on flat beds is recommended.

## **Spacing**

The planting distance may vary according to variety, planting season and soil conditions. The following distances are generally recommended on the basis of maturity of varieties:

Maturity	Recommended spacing (cm)
Early	45 x 45 or 60 x 40
Main & Late	60 x 60 or 60 x 45

## **Method of Planting**

Irrigation is withheld 3-4 days before transplanting. However, before transplanting the beds are thoroughly irrigated to facilitate the removal of seedlings from the seed bed with out much injury to the roots.

Transplanting should be done preferably in the morning or late evening. Before transplanting, the roots of the seedlings are dipped in a solution of Bavistin (2g/litre of water). Irrigation should be given immediately after transplanting. In some parts of the country, beds are first irrigated and then the seedlings are transplanted