

Suitability of the variety for the Area Agro Climatic Zone	All India
Selection of the field/land preparation practices	Field should be well prepared free from weeds and well drainage facility. 1-2 deep ploughing, Soil should be exposed to sunlight, 3 to 4 rounds of harrows to reach fine tilt. Before final harrow, apply 5 MT well decomposed FYM/acre along with 250 gm Trichoderma for controlling soil born fungus.
Seed Treatment-rate of timing/ chemical	Seeds are treated with Metalaxyl (Apron) 3ml and Thiram 2g per Kg of seeds.
Sowing Time	Summer, Rabi, Kharif
Seed Rate/ Sowing method-line sowing with row to row and plant to plant distance/ direct sowing	<p>Seed Rate: 7-8 kg per acre.</p> <p>Sowing: Direct in main field.</p> <p>Spacing: Row to Row and Plant to Plant - 45 x 30 cm or 60 x 20 cm</p>
Fertilizer dose with timing	Total N:P:K requirement @ 75:50:50 kg per acre.

	<p>Dose & Timing:</p> <p>Basal Dose: Apply 50% N and 100% P, K as basal dose during final land preparation.</p> <p>Top Dressing: 50% N at 30 days after sowing.</p>
<p>Weed Control- Chemicals with doses and timing</p>	<p>Timely weed removal is very important, need based hand weeding can be done to ensure healthy crop</p>
<p>Diseases & Pest control- Chemicals with doses and timing</p>	<p>"For effective crop control apply fungicide as per recommendation from the Department of Agriculture (plant protection) to control Damping off, Downey Mildew and other fungal diseases. Apply recommended insecticide to control sucking pest, fruit fly and any other insects"</p>
<p>Irrigation Schedule</p>	<p>"Irrigation Frequency Depends upon -</p> <p>A. Soil type: Light soils need more frequency. Heavy soils needs less frequency.</p> <p>B. Crop stage: Vegetative stage: maintain adequate moisture for development of roots. Flowering & fruiting - frequent and shallow irrigation. Harvesting - gradually reduce irrigation during harvesting</p> <p>C. Growing season: Summer — requires frequent irrigation. Winter — As against Summer season, in winter the irrigation frequency is longer. Rainy — very less frequency depending up on soil moisture"</p>

<p>Harvesting</p>	<p>Harvest the fruit at the time of tender ear stage.</p> <p>Maturity 55 -65 days after sowing — depending on season / climate.</p>
<p>Expected Yield of the variety</p>	<p>Average yield:</p> <p>With Husk : 3-4 MT/acre</p> <p>Without Husk : 2-2.5 MT/acre</p>