

Capsicum:

Climate: Tropical & Temperate Selection of field/ land preparation practices:

1. The field should be well prepared free from weeds and well a drainage facility. 1-2 deep ploughing, Soil should be exposed to sunlight, 3 to 4 rounds of harrows to reach fine tilt.
2. Before the final harrow, apply 8 to 10 MT well-decomposed FYM/acre along with 250 gm Trichoderma for controlling soil-born fungus.

Sowing Season: Kharif, Rabi & Summer

Seed Rate: 70-100gm/acre

Spacing: Row to Row: 120cm **Plant to Plant:** 45 cm

Fertilizer dose with timing: It needs a balanced and adequate fertilizer supply. Total N:P:K requirement @ 50:25:25 kg per acre.

Dose & Timing:

Basal Dose: Apply 50% N and 100% P, K as basal dose during final land preparation. Top Dressing: 25% N at 30 days after sowing and 25% N at 45 days after sowing.

Irrigation: Irrigation Frequency Depends upon –

A. Soil type: Light soils need more frequency. Heavy soils need less frequency.

B. Crop stage: Vegetative stage: maintain adequate moisture for development of roots. Flowering & fruiting - frequent and shallow irrigation. Harvesting - gradually reduce irrigation during harvesting

C. Growing season: Summer - requires frequent irrigation. Winter- As against the summer season, in winter the irrigation frequency is longer. Rainy - very less frequently depending on soil moisture.

Weed Control: Timely weed removal is very important, need-based hand weeding can be done to ensure a healthy crop.

Harvesting: Dual purpose hybrid. Full mature fresh green fruits can be harvested from 60-70 days after transplanting whereas, firm fresh red fruits start harvesting at 80-85 days after transplanting, later at 10 to 15 days intervals. Timely picking stimulates plant to produce more flowers.

Expected Yield*: Average yield with standard agronomy practices will be around 18-22 MT/acre* (Yield data provided from trial averages with standard input. It may vary with agroclimatic conditions.)