

## PACKAGE OF PRACTICES

### CROP: SWEET CORN

Sl. No.	Particulars/operations /Practice	Details of operation
1	<b>Suitability for the area/ Agro climatic zone</b>	Can be grown in moderate weather conditions Ideally between 16-35°C
2	<b>Land. Soil</b>	Can be grown in most soils which has good drainage, pH of 5.5-7 is ideal
3	<b>Season/Sowing time</b>	June-July and Oct-Nov
4	<b>Seed rate</b>	2-3 kg seeds are required/Acre
5	<b>Preparation of Main field and planting</b>	Apply 10-15 tons of FYM followed by harrowing to mix in the soil. Form ridges and furrows at 2.5 ft distance
6	<b>Spacing</b>	Row to row 2.5ft and 20 cm between the plants
7	<b>Seed treatment before sowing</b>	Seed treatment with Gaucho (Imida) 2 ml/kg and Bavistin 0.2%
8	<b>Manures and Fertilizers</b>	A recommended dose of 100-32-32 kg N-P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O per acre is applied. Entire Phosphorous as basal, nitrogen in four splits viz., at sowing, knee high stage (30- 35 DAS), at flag leaf emergence (50-55 DAS) and at tasseling-silking stage (60-65 DAS) and potassium in two splits i.e., basal and flowering stage.
9	<b>Irrigation schedule</b>	Irrigate field depending on soil type. Light and frequent irrigation once in 4-5 days interval in summer Ensure sufficient moisture at root zone especially during Silking fruit stage.
10	<b>Weeding/ inter-cultivation</b>	Follow cultural practices to check the weed growth.
11	<b>Micronutrient/growth regulator sprays</b>	Spray multiplex 1g/ltr during fruiting stage Micronutrient 1g/ltr during flowering period
12	<b>Pest and Disease control</b>	<b>Sheath blight:</b> Spray Mancozeb @ 2.5g/l at 7-10 day interval <b>Charcoal rot:</b> Spray Mancozeb/Metalaxyl 2-2.5g/ltr Or Propiconazole@ 1ml/l <b>Stem borer:</b> Prophylactic spraying of Monocrotophos 1.6ml/ltr or apply corbofuran 3G in leaf whorls @3kg/ac
13	<b>Expected yield</b>	Cobs can be harvested after 65-75 days from sowing when they attain milking stage. Yield of about 20-30 q/acre can be expected.