Tips to Achieve Higher Yield in Hybrid Maize

Crop Establishment

- 30,000 to 32,000 plant populations per acre should be maintained using row to row distance of 60 cm (24 inches) and plant to plant distance of 20 cm (8 inches).
- Sowing can be done either using seed drill machine or manual line sowing.
- Seeds should be placed at a shallow depth of 4-5 cm.

Nutrient Management

- Apply 5-6 cart load of well decomposed FYM or compost/acre at the time of land preparation.
- Use 60:25:25 (N:P₂O₅:K₂O) kg per acre for better productivity
  Basal: DAP - 55 kg, MOP -22 kg
- 1st topdressing (25-30 DAS, knee height): Urea - 55 kg
- 2nd topdressing (45-50 DAS, before tasseling): Urea-55 kg and MOP -22 kg

Weed Management

- Use Atrazine as pre-emergence (1-2 DAS) or early post emergence (15 DAS) at 400 gm/acre (2gm/litre).
- Apply herbicide at proper moisture level after sowing. In case of sowing under dry condition herbicide should be applied after the rainfall.
- Use flat fan nozzles for herbicide spraying.
- One hand weeding should be done at 25-30 DAS to coincide with 1st intercultural operation.

For more details visit: www.csisa.org
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