

# SPECIFICATIONS

1. **Hybrid Maize Seed Specs used for Silage**
  - a. High-yielding
  - b. Disease-resistance and adaptable hybrid maize seed
2. **Urea Fertilizer Specs**
  - a. **Nitrogen content:** 46% N (minimum)
  - b. **Form:** Prilled or granular
  - c. **Moisture content:**  $\leq 0.5\%$
  - d. **Biuret content:**  $\leq 1\%$
  - e. **Particle size:** 1-3 mm (prilled), 2-4 (granular)
3. **DAP Fertilizer Specs**
  - a. **Nitrogen (N):** 18-21%
  - b. **Phosphorus (P<sub>2</sub>O<sub>5</sub>):** 46-48%
  - c. **Form:** Granular
  - d. **Moisture:**  $\leq 2\%$
  - e. **Particle size:** 2-4 mm
4. **Pesticide (Emamectin Benzoate) Specs**
  - a. **Active ingredient:** Emamectin Benzoate (1.9% or 5%)
  - b. **Formulation:** EC (Emulsifiable concentrate) or SG (Soluble Granules)
  - c. **Target pests:** Lepidoptera larvae, mites, and other chewing insects.
  - d. **Dosage:** 10-20 g / acre (varies by Crop and pests)
5. **Weedicide (Atrazine) Specs**
  - a. **Active ingredient:** Atrazine (80% or 90% WP)
  - b. **Formulation:** Wettable Powder (WP) or Suspension Concentrate (SC)
  - c. **Target weeds:** Broadleaf and grassy weeds in maize and other Crops
  - d. **Dosage:** 0.5-1.5 kg ai/ha (varies by crops and weed type)
6. **Seed Treatment (Clothianidin) Specs**
  - a. **Fungicides:**
    - Thiram (50-75 g/50 kg seed)
    - Captan (50-100 g/50 kg seed)
  - b. **Insecticides:**
    - Imidacloprid (2-3 g/kg seed)
    - Fipronil (2-5 g/kg seed)
  - c. **Dosage:** (varies by product and Crops type)
7. **Dan-e-Dar (Chlorantraniliprole 40% + Thiamethoxam 40%) Specs**
  - a. **Chlorantraniliprole:** 40%
  - b. **Thiamethoxam:** 40%
  - c. **Formulation:** FS (Flowable concentrate for seed treatment)
  - d. **Dosage:** 3-4 ml/kg seed (varies by crops)
8. **Sulphur Fertilizer Specs**
  - a. **Sulphur content:** 80-90% S (elemental Sulphur)
  - b. **Form:** Granular or powder
  - c. **Particle size:** 1-3 mm (granular), <0.15 mm (powder)
  - d. **pH:** Acidic (pH 4-5)
9. **Churree Seed Specs**
  - a. **Seed type:** Tree species (Melia azedarach)
  - b. **Germination rate:** 60-80%
  - c. **Seed weight:** 100150 seeds/g
  - d. **Sowing depth:** 1-2 cm
  - e. **Spacing:** 3-5 meters