



**Corn Production  
Using Masinag Organic**

**Land Area: 1 hectare**

**A. LAND PREPARATION**

1. Broadcast 15-20 bags of Organic Matter in the field before plowing.
2. Plow the soil 3 weeks before planting; if sandy loam or light soil, 1 plowing and 1 pulverizing and for clay or heavy soil, 1 plowing and 2 pulverizing with 7-10 days interval is recommended.
3. Build furrows with a 60 cm distance from each other and 8cm depth for wet season and 10cm depth for dry season.
4. **1st spraying**, prepare 1% Masinag solution (mix 1 liter Masinag Organic for every 100 li of water) and spray within the furrow before planting.

**B. SEED SOWING**

5. Sow 1 seed per hill with 20 cm distance and cover it with 2-3cm thick pulverized soil.

**Note:** *Planting distance vary depending to the variety of corn used.*

**C. NUTRIENT MANAGEMENT**

1. 5 days after seed emergence (DAE), **2nd spraying** of 1% Masinag solution (mix 1 liter Masinag Organic for every 100 li of water) directly to the leaves.
2. 10-12 DAE, apply 4 bags of complete Fertilizer (14-14-14) or base on the recommended rate per hectare.
3. 10 DAE, **3rd spraying** of 1 % Masinag solution ((mix 1 liter Masinag Organic for every 100 li of water).
4. 20-25 DAE, **4th spraying** of 1% Masinag solution (mix 1 liter Masinag Organic for every 100 li of water) directly to the leaves.
5. At the start of flowering, apply 2 bags or the recommended dosage of Urea Fertilizer (46-0-0) on the side of each plant with a 5cm distance from the base of the corn plant and cover it immediately by hilling up the soil. If the soil is dry, irrigate the field first 2-4 days before the date of fertilizer application.
6. 7 days after flowering (DAF), **5th spraying** of 1% Masinag solution (mix 1 liter Masinag Organic for every 100 li of water) directly to the leaves.

**NOTES:**

1. If old seedling 30 days or up are used, spray 2% solution Masinag or double dose at 5 DAT.
2. If crop stand is abnormal or growth is slow spray 2%Masinag solution.
3. At early flowering, if the leaves is yellowish was observed spay 1% Masinag solution.
4. If there is a rat infestation, spray 2% Masinag solution on the affected plant.