



ONE CLEAR VANTAGE ENTERPRISES, INC.

3/F The Arete Square, Congressional Ave., Proj. 8, Quezon City 1106
Trunkline:9275828 loc. 881 to 882 Telefax: 9275720

Corn Production Using Masinag Organic Fertilizer

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 (*dilute 1 liter Masinag Organic Fertilizer into 100 liters of water*) and spray within the furrow before planting.

B. SEED SOWING

1. 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 (*dilute 1 liter Masinag Organic Fertilizer into 100 liters of water*) directly to the leaves.
2. 10 DAE, **3rd spraying** of 1 % Masinag solution (*dilute 1liter Masinag Organic Fertilizer into 100 liters of water*) and apply recommended dosage of Complete Fertilizer (14-14-14) bags/ha.
3. 20-25 DAE, **4th spraying** of 1% Masinag solution (*dilute 1 liter of Masinag Organic Fertilizer into 100 liters of water*) directly to the leaves.
4. 28 DAE, apply recommended dosage of Urea Fertilizer (46-0-0) on the side of each plant with a 3-4cm 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.
5. 30 DAE, **5th spraying** of 1% Masinag solution (*dilute 1liter Masinag Organic Fertilizer into 100 liters 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.