



# ONE CLEAR VANTAGE ENTERPRISES, INC.

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## Protocol for Sweet Pepper using The Masinag Organic fertilizer

Land Area: 1 hectare

### Climatic and soil Requirements

- Sweet pepper requires cool weather for best fruit quality
- Planting season:
  - a. Low elevation – October to December
  - b. Mid and high elevation – can be grow throughout the year

### Land Preparation

- a) For 1 hectare, broadcast 20 bags of chicken manure or organic compost in the field before flowing
- b) Plow once and harrow field 2-3 times at 5-7 days interval
- c) Level the soil
- d) Build furrows 50-70cm apart for single row planting
- e) Spray 1% Masinag solution (1% of Masinag diluted to 100L of water) within the furrows before planting and apply 5-7 bags of complete fertilizer (14-14-14)

### Seed Preparation

- a) Prepare 1% Masinag solution (1L of Masinag diluted to 100L of water)
- b) Soak the seeds on the prepared solution for 10 minutes. Set aside the solution
- c) Prepare seed beds by incorporating 2-4kg of manure and 1-2 kg carbonized rice hull/m<sup>2</sup>. Spray it with Masinag solution used in soaking
- d) Prepare 1m wide beds at any convenient length
- e) 5 days after seed emergence (DAE), spray 1% Masinag solution (1L of Masinag diluted to 100L of water) directly to leaves and soil

### Planting

- a) Transplant 3-4 weeks old seedlings at a spacing of 30- 50cm between hills

### Mulching

- a) Use mulch to control weeds and promote better growth. Rice hull, rice straw or plastic may be used
- b) In the case of the latter, make beds 1m wide and incorporate the required manure and fertilizer
- c) Spread the mulch, covering the sides with soil. Make holes that are 50cm X 50cm apart

## Nutrient Management

- a) 5 days after transplanting (DAT), spray 1% Masinag solution (1L of Masinag diluted to 100L of water) directly to the leaves and soil
- b) 20 DAT, spray 1% Masinag solution (1L of Masinag diluted to 100L of water) directly to leaves and soil
- c) 35 DAT, spray 1% Masinag solution (1L of Masinag diluted to 100L of water) directly to leaves and soil
- d) 50 DAT, spray 1% Masinag solution (1L of Masinag diluted to 100L of water) directly to soil
- e) 65 DAT, spray 1% Masinag solution (1L of Masinag diluted to 100L of water) directly to soil

## Harvesting

- a) Start harvesting at 80-100 days from transplanting or 3-6 weeks after flowering. Harvest mature green fruits