



**Protocol for VARIOUS VEGETABLES using  
The Masinag Organic Plant Supplement**

**Land Area:** 1 hectare

**Recommended crops:** Pepper, eggplant, tomato, lady finger, beans, cucumber, squash, bottle gourd, sponge gourd and bitter gourd

***Land Preparation***

- a) For 1 hectare, broadcast 20 bags of chicken manure a day before plowing the land.
- b) Spray 1% Masinag solution ( 1L of Masinag diluted to 100L of water) within the furrows before planting

***Direct Seeding***

- a) Prepare 1% Masinag solution (10ml of Masinag diluted to 1L of water)
- b) Soak the seed on the prepared solution for 10 minutes before planting
- c) 10 days after planting (DAS/DAP), spray 1% Masinag solution (1L of Masinag diluted to 100L of water) directly to the leaves and soil
- d) Continue the foliar spraying using Masinag at 1:100 dilution ( 1L of Masinag diluted to 100L of water) with 15 days interval up to 3<sup>rd</sup>- 4<sup>th</sup> priming

***Transplanted***

- a) Prepare 1% Masinag solution ( 10ml of Masinag diluted to 1L of watert)
- b) Gently pulled the 7 day old seedling from the seedling tray. Soak the roots for 10 seconds on the prepared solution before transplanting
- c) 5-7 days after transplanting (DAT), spray 1% Masinag solution ( 1L of Masinag diluted to 100L of water) directly to the leaves and soil
- d) Continue the foliar spraying using Masinag at 1:80 dilution ( 1L of Masinag diluted to 80L of water) with 20 days interval up to 3<sup>rd</sup>- 4<sup>th</sup> priming

***NOTE:***

Timing of application of *synthetic fertilizer* depends on your practice; just reduce your usage into half.