



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

Land Area: 1 hectare

Recommended crops: 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 (1mix 1 liter Masinag Organic for every 100 li of water) within the furrows before planting

Direct Seeding

- a) Prepare 1% Masinag solution (1mix 1 liter Masinag Organic for every 100 li 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 (1mix 1 liter Masinag Organic for every 100 li of water) directly to the leaves and soil
- d) Continue the foliar spraying using Masinag at 1:100 dilution (1mix 1 liter Masinag Organic for every 100 li of water) with 15 days interval up to 3rd- 4th priming.

Transplanted

- a) Prepare 1% Masinag solution (1mix 1 liter Masinag Organic for every 100 li of water).
- 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 (1mix 1 liter Masinag Organic for every 100 li of water) directly to the leaves and soil.
- d) Continue the foliar spraying using Masinag at 1:80 dilution (1mix 1 liter Masinag Organic for every 100 li of water) with 20 days interval up to 3rd- 4th priming.

NOTE:

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