

Application Guide for Rice Production Using Masing Organic Fertilizer

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Application Guide for Rice Production (50% Organic)

Using Masinag Organic Fertilizer

Land Area: 1 hectare

Land Preparation

- a. Submerge the field to water for 5 days to soften the clods and to decompose organic materials then plow. After plowing, harrow the field 2-3 times at 5-7 days interval.
- b. For 1 hectare, broadcast 20 bags of chicken manure or compost during the last harrowing.
- c. Set aside the field for 5 days.
- d. Level the field then spray it with 1% Masinag solution (1L of Masinag diluted to 100L of water).

Seed Preparation

- a. Prepare 1% Masinag solution (1L of Masinag diluted to 100L of water).
- b. Soak the seeds on the prepared solution for 18-24 hours until swelling.
- c. Keep Masinag solution. Spray it on the seed bed before broadcasting.
- d. Broadcast seeds on seed beds.

Transplanting

- a. Transplant a 10-15 days old seedling.
- b. Plant 1 seedling per hill at a depth of 2 cm with a planting distance of 25cm x 25cm (dry season) or 30cm x 30cm (wet season).

Nutrient Management

- a. 7-10 days after transplanting (DAT), spray it with Masinag solution (used during seed preparation).
- b. 15 DAT, apply 2 bags of complete fertilizer (14-14-14).
- c. 21-25 DAT, spray it with 1% Masinag solution (1L of Masinag diluted to 100L of water).
- d. 30 DAT, broadcast 2 bags of Urea (46-0-0).
- e. 40-45 DAT (panicle initiation), spray it with 1% Masinag solution (1L of Masinag diluted to 100L of water).
- f. Spray 1% Masinag solution (1L of Masinag diluted to 100L of water) during flowering.

Application Guide for Rice Production (100% Organic)

Using Masinag Organic Fertilizer

Land Area: 1 hectare

Land Preparation

- a. Submerge the field to water for 5 days to soften the clods and to decompose organic materials then plow. After plowing, harrow the field 2-3 times at 5-7 days interval.
- b. For 1 hectare, broadcast 25 bags of chicken manure or compost during the last harrowing.
- c. Set aside the field for 5 days.
- d. Level the field then spray it with 2% Masinag solution (2L of Masinag diluted to 100L of water).

Seed Preparation

- a. Prepare 1% Masinag solution (1L of Masinag diluted to 100L of water).
- b. Soak the seeds on the prepared solution for 16 -18 hours until swelling.
- c. Keep Masinag solution. Spray it on the seed bed before broadcasting.
- d. Broadcast seeds on seed beds.
- e. 5 and 8 days after broadcasting, spray Masinag solution on the seed bed.

Transplanting

- a. Transplant a 10-15 days old seedling.
- b. Plant 1 seedling per hill at a depth of 2 cm with a planting distance of 25cm x 25cm (dry season) or 30cm x 30cm (wet season).

Water Management

- a. On the day of transplanting, water on the field should only be at a height of 1 cm.
- b. Let the field dry for 5 days. Irrigate the field at a height of 3cm. Do this until 40 DAT (days after transplanting).
- c. 10 days before harvesting, stop irrigating the field.

Nutrient Management

- a. 7-10 days after transplanting (DAT), spray it with Masinag solution (used during seed preparation).
- b. 17 DAT, spray it with 1.5% Masinag solution (1.5L of Masinag diluted to 100L of water).
- c. 25 DAT, spray it with 1.5% Masinag solution (1.5L of Masinag diluted to 100L of water).
- d. 35 DAT (panicle initiation), spray it with 1% Masinag solution (1L of Masinag diluted to 100L of water).
- e. Spray 1% Masinag solution (1L of Masinag diluted to 100L of water) during early stage of flowering.

Application Guide for Rice Ratooning Using Masinag Organic Fertilizer

Land Area: 1 hectare

1. Itigil lamang ang patubig 7-12 na araw bago gapasin ang unang tanim upang hindi matuyo at mamatay ang mga ugat.
2. Gapasin ang unang tanim at magtira ng 8 pulgadang puno (pagitan ng pangalawa at pangatlong buko).
3. Alisin ang mga pinag-giikan sa bukid at ingatan upang hindi mahiga ang mga puno.
4. Sa loob ng 24 oras pagkagapas, magbomba ng 1% Masinag solution (1L ng Masinag hinalo sa 100L ng tubig). Siguruhing mabasa ang mga buko na pinagputulan at pagkatapos ay magpatubig ng isang sentimetrong lalim.
5. Hayaang basa ang bukid sa loob ng 30 araw.
6. Sa ika-20 araw, magbomba ng 1% Masinag solution (1L ng Masinag hinalo sa 100L ng tubig).
7. Itigil ang patubig sa ika-40 araw.
8. Maari na itong anihin sa loob ng 45 hanggang 55 araw