



Protocol for Broadcasted Rice

The Masinag Organic Fertilizer

A. SEED SOAKING

- 1) Mix the Masinag fertilizer with 100 liter water in a drum.
- 2) Soak the seeds (80 kg per hectare) for about eight (18-24) hours.
- 3) Unload the soaked seeds, put in a sack and incubate for twenty four (24) hours for pre-germination.

NOTE: DO NOT THROW THE MASINAG SOLUTION. YOU CAN USE THIS AS SPRAY IN THE PADDIES AFTER BROADCASTING THE SOLID ORGANIC MATTER (FERTILIZER)

B. LAND PREPARATION

1. Irrigate the field, plow once and harrow 2-3 times at 5-7 days interval.
2. Broadcast 20 bags of chicken manure or compost at the last harrowing.
3. Let the field stand for 5 days.
4. Level the field and apply 1% Masinag solution (apply the solution used for soaking seeds) at **first spraying**.

C. AFTER BROADCASTING

1. **Second Spraying**, Fourteen (14) days after seed broadcasting. Spray 1% Masinag solution (mix 1 liter Masinag for every 100 lit of water - this is equivalent to 160 ml Masinag per 16 lit capacity knapsack sprayer).
2. Fifteen (15) days after seed broadcasting. Broadcast complete (14-14-14) fertilizer evenly onto the paddies.
3. **Third Spraying**, Twenty-two to twenty-five (22 - 25) days after seed broadcasting. Spray 1% Masinag solution (mix 1 liter Masinag for every 100 li of water - this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).
4. Twenty-two to twenty-five (30- 35) days after seed broadcasting. Broadcast Urea (46-0-0) fertilizer evenly onto the paddies.
5. **Fourth Spraying**, Forty-five to fifty-five (45 - 55) days after seed broadcasting. Spray 1% Masinag solution (mix 1 liter Masinag for every 100 li of water - this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).
6. **Fifth Spraying, After flowering or at dough stage**. SPRAY ONLY IF THE LEAVES ARE YELLOWISH IN COLOR Spray 1% Masinag solution (mix 1 liter Masinag for every 100 li of water - this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).