



MASINAG FERTILIZER MANAGEMENT TECHNOLOGY FOR LOWLAND TRANSPLANTED RICE (FOR ONE HECTARE FARM)			
WHAT FERTILIZER TO APPLY	AMOUNT PER HECTARE	WHEN TO APPLY	HOW TO APPLY
SEEDLING PRODUCTION			
Masinag Foliar fertilizer	1 liter	Seed Soaking for seedling production	Mix the foliar fertilizer with 100 liter water in a drum. Soak the seeds (80 kg per hectare) for about 8 hours. Unload the soaked seeds, put in a sack and incubate for 24 hours for pre germination. DO NOT THROW THE MASINAG SOLUTION. YOU CAN USE THIS AS SPRAY IN THE PADDIES AFTER BROADCASTING THE ORGANIC FERTILIZER
Ammonium sulfate	10 kilogram	Ten (10 days) after seed broadcasting in the seed bed	Top dress the fertilizer evenly in the seedbed
Masinag Foliar fertilizer	160 ml	Fifteen (15) days after seed broadcasting.	Spray (1% solution or 1 liter Masinag for every 100 li of water or this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).
LAND PREPARATION			
Solid Organic fertilizer (Vermicompost)	20 bags	Last harrowing or at final levelling	Broadcast the solid organic fertilizer evenly in the paddies. Then harrow and level the paddies
Masinag foliar fertilizer	USE THE MASINAG SOLUTION YOU USED IN SOAKING THE SEEDS. SPRAY IN THE PADDIES AFTER LEVELLING.		
AFTER TRANSPLANTING			
Masinag Foliar fertilizer	1 liter	Five (5) to seven (7) Days after transplanting	Spray (1% solution or 1 liter Masinag for every 100 li of water or this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).
14-14-14	4 bags	Ten (10) to twelve (12) days after transplanting	Broadcast the fertilizer evenly onto the paddies
Masinag Foliar fertilizer	1 liter	19 to 21 days after transplanting	Spray (1% solution or 1 liter Masinag for every 100 li of water or this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).
Urea	2 bags	25 to 30 days after transplanting	Broadcast the fertilizer evenly onto the paddies
Masinag Foliar fertilizer	1 liter	45 - 55 Days after transplanting	Spray (1% solution or 1 liter Masinag for every 100 li of water or this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).
Masinag Foliar fertilizer	1 liter	After flowering or at dough stage (Optional) SPRAY ONLY IF THE LEAVES ARE YELLOWISH IN COLOR	Spray (1% solution or 1 liter Masinag for every 100 li of water or this is equivalent to 160 ml Masinag per 16 li capacity knapsack sprayer).

IMPORTANT REMINDERS

1. As much as possible, avoid spraying of the Masinag Foliar fertilizer when the air temperature is high (Between 12 noon to 2 PM).
2. As much as possible, do not mix the Masinag foliar fertilizer with insecticide.
3. Plants that are sprayed with Masinag foliar fertilizer need not be sprayed with any pesticide.