



Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"
FERTILIZER-GUIDE FOR RICE
PROVINCE OF MISAMIS ORIENTAL

Barangay	Farmer Representative	Fertilizer-Guide Group		Additional 10-20 bags/ha Organic Fertilizer is recommended for all options																							
				INBRED RICE									HYBRID RICE														
		Number	Description	Nutrient Requirement			WET SEASON Recommended Fertilizer Rate (bags/hectare)			Nutrient Requirement			DRY SEASON Recommended Fertilizer Rate (bags/hectare)			Nutrient Requirement			WET SEASON Recommended Fertilizer Rate (bags/hectare)			Nutrient Requirement			DRY SEASON Recommended Fertilizer Rate (bags/hectare)		
Texture-N-P-K	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O									
Municipality of CLAVERIA																											
Mat-I	Jowen Lauyog	065	M-L-L-L	90	60	60	Option 1: (1st Application): 8.75 (14-14-14); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 6.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);	100	60	60	Option 1: (1st Application): 8.75 (14-14-14); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 6.75 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 2.00 (0-0-60);	110	70	70	Option 1: (1st Application): 10.00 (14-14-14); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.00 (46-0-0); 2.50 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 8.00 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);	120	70	70	Option 1: (1st Application): 10.00 (14-14-14); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 2.50 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 8.00 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 2.50 (0-0-60);								
Mat-I	Bonifacio Pagaran, Joseph Engcoy	097	M-MH-L-L	50	60	60	Option 1: (1st Application): 8.75 (14-14-14); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 0.25 (46-0-0); 2.00 (0-0-60); Option 3: (1st Application): 1.25 (46-0-0); 6.75 (0-18-0); (2nd Application): 0.50 (46-0-0); (3rd Application): 0.50 (46-0-0); 2.00 (0-0-60);	60	60	60	Option 1: (1st Application): 8.75 (14-14-14); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 0.50 (46-0-0); 2.00 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 6.75 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 2.00 (0-0-60);	70	70	70	Option 1: (1st Application): 10.00 (14-14-14); Option 2: (1st Application): 7.00 (16-20-0); (3rd Application): 0.75 (46-0-0); 2.50 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 8.00 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 2.50 (0-0-60);	80	70	70	Option 1: (1st Application): 10.00 (14-14-14); (2nd Application): 0.50 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (3rd Application): 1.00 (46-0-0); 2.50 (0-0-60); Option 3: (1st Application): 1.75 (46-0-0); 8.00 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);								
Mat-I	Cirillo Salipong	088	M-ML-ML-H	70	40	7	Option 1: (1st Application): 1.00 (14-14-14); 1.25 (46-0-0); 3.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);	80	40	7	Option 1: (1st Application): 1.00 (14-14-14); 1.50 (46-0-0); 3.67 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 1.75 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);	90	50	7	Option 1: (1st Application): 1.00 (14-14-14); 1.75 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);	100	50	7	Option 1: (1st Application): 1.00 (14-14-14); 2.00 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 1.75 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);								
Mat-I	Elizabeth Salipong	088	M-ML-ML-H	70	40	7	Option 1: (1st Application): 1.00 (14-14-14); 1.25 (46-0-0); 3.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 0.75 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);	80	40	7	Option 1: (1st Application): 1.00 (14-14-14); 1.50 (46-0-0); 3.67 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 1.75 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);	90	50	7	Option 1: (1st Application): 1.00 (14-14-14); 1.75 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);	100	50	7	Option 1: (1st Application): 1.00 (14-14-14); 2.00 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 1.75 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);								

FOR THE LEGEND
Fertilizer Guide for Rice

For Transplanted
after second harrowing: 10-20 bags organic fertilizer (basal)
Inorganic Fertilizer:
1st Application: after last harrowing
2nd Application: 10-14 DAT (days after transplanting)
3rd Application: 20-25 DAT (days after transplanting)

For Direct Seeded
after second harrowing: 10-20 bags organic fertilizer (basal)
Inorganic Fertilizer:
1st Application: 10 -15 DAS (days after seeding)
2nd Application: 20-30 DAS (days after seeding)
3rd Application: 35-45 DAS (days after seeding)



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Barangay	Farmer Representative	Fertilizer-Guide Group		Additional 10-20 bags/ha Organic Fertilizer is recommended for all options																	
				INBRED RICE									HYBRID RICE								
		Number	Description	WET SEASON			DRY SEASON			WET SEASON			WET SEASON			DRY SEASON			WET SEASON		
				Nutrient Requirement			Nutrient Requirement			Nutrient Requirement			Nutrient Requirement			Nutrient Requirement			Nutrient Requirement		
				N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Mat-I	Junor Caranzo	085	M-ML-ML-L	70	40	60	80	40	60	90	50	70	100	50	70	100	50	70	100	50	70

FOR THE LEGEND

Fertilizer Guide for Rice

For Transplanted

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

- 1st Application: after last harrowing
- 2nd Application: 10-14 DAT (days after transplanting)
- 3rd Application: 20-25 DAT (days after transplanting)

For Direct Seeded

after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

- 1st Application: 10 -15 DAS (days after seeding)
- 2nd Application: 20-30 DAS (days after seeding)
- 3rd Application: 35-45 DAS (days after seeding)