



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 ZAMBALES

Barangay	Farmer Representative	Fertilizer-Guide Group		Additional 10-20 bags/ha Organic Fertilizer is recommended for all options															
				INBRED RICE						HYBRID RICE									
		Number	Description Texture-N-P-K	WET SEASON			DRY SEASON			WET SEASON			DRY SEASON						
				Recommended Fertilizer Rate (bags/hectare)			Recommended Fertilizer Rate (bags/hectare)			Recommended Fertilizer Rate (bags/hectare)			Recommended Fertilizer Rate (bags/hectare)						
Municipality of MASINLOC																			
Balaganon	_no interview_	067	M-L-L-MH	90	60	20	Option 1: (1st Application: 3.00 (14-14-14-); 4.50 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 0.75 (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); 0.75 (0-0-60);	100	60	20	Option 1: (1st Application: 3.00 (14-14-14-); 4.50 (0-18-0); (2nd Application: 1.75 (46-0-0); (3rd Application: 1.75 (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); 0.75 (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); 0.75 (0-0-60);	110	70	30	Option 1: (1st Application: 4.50 (14-14-14-); 4.50 (0-18-0); (2nd Application: 1.75 (46-0-0); (3rd Application: 1.75 (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); 1.00 (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); 1.00 (0-0-60);	120	70	30	Option 1: (1st Application: 4.50 (14-14-14-); 4.50 (0-18-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 2.00 (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); 1.00 (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); 1.00 (0-0-60);
Balaganon	_no interview_	066	M-L-L-ML	90	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (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); 1.50 (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); 1.50 (0-0-60);	100	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.50 (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); 1.50 (0-0-60);	110	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.75 (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); 1.75 (0-0-60);	120	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.75 (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); 1.75 (0-0-60);
Balaganon	_no interview_	070	M-L-ML-ML	90	40	40	Option 1: (1st Application: 5.75 (14-14-14-); 0.25 (46-0-0); (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: 1.50 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 2.00 (46-0-0); 4.50 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60);	100	40	40	Option 1: (1st Application: 5.75 (14-14-14-); 0.50 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); Option 2: (1st Application: 4.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.50 (0-0-60);	110	50	50	Option 1: (1st Application: 7.25 (14-14-14-); 0.25 (46-0-0); (2nd Application: 1.20 (46-0-0); (3rd Application: 1.20 (46-0-0); Option 2: (1st Application: 5.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application: 2.50 (46-0-0); 5.75 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.75 (0-0-60);	120	50	50	Option 1: (1st Application: 7.25 (14-14-14-); 0.50 (46-0-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); Option 2: (1st Application: 5.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application: 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.75 (0-0-60);
Bamban	_no interview_	070	M-L-ML-ML	90	40	40	Option 1: (1st Application: 5.75 (14-14-14-); 0.25 (46-0-0); (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: 1.50 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 2.00 (46-0-0); 4.50 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60);	100	40	40	Option 1: (1st Application: 5.75 (14-14-14-); 0.50 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); Option 2: (1st Application: 4.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.50 (0-0-60);	110	50	50	Option 1: (1st Application: 7.25 (14-14-14-); 0.25 (46-0-0); (2nd Application: 1.20 (46-0-0); (3rd Application: 1.20 (46-0-0); Option 2: (1st Application: 5.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application: 2.50 (46-0-0); 5.75 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.75 (0-0-60);	120	50	50	Option 1: (1st Application: 7.25 (14-14-14-); 0.50 (46-0-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); Option 2: (1st Application: 5.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application: 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.75 (0-0-60);
Bamban	_no interview_	102	M-MH-ML-ML	50	40	40	Option 1: (1st Application: 5.75 (14-14-14-); (3rd Application: 0.50 (46-0-0); Option 2: (1st Application: 4.00 (16-20-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 1.25 (46-0-0); 4.50 (0-18-0); (2nd Application: 0.50 (46-0-0); (3rd Application: 0.50 (46-0-0); 1.50 (0-0-60);	60	40	40	Option 1: (1st Application: 5.75 (14-14-14-); (3rd Application: 1.00 (46-0-0); Option 2: (1st Application: 4.00 (16-20-0); (3rd Application: 1.25 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 1.50 (46-0-0); 4.50 (0-18-0); (2nd Application: 0.75 (46-0-0); (3rd Application: 0.75 (46-0-0); 1.50 (0-0-60);	70	50	50	Option 1: (1st Application: 7.25 (14-14-14-); (3rd Application: 1.25 (46-0-0); Option 2: (1st Application: 5.00 (16-20-0); (3rd Application: 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application: 1.50 (46-0-0); 5.75 (0-18-0); (2nd Application: 0.75 (46-0-0); (3rd Application: 0.75 (46-0-0); 1.75 (0-0-60);	80	50	50	Option 1: (1st Application: 7.25 (14-14-14-); (2nd Application: 0.65 (46-0-0); (3rd Application: 0.87 (46-0-0); Option 2: (1st Application: 5.00 (16-20-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 0.75 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application: 1.75 (46-0-0); 5.75 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.75 (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										
			WET SEASON			DRY SEASON			WET SEASON			DRY SEASON							
			Number	Description	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	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			
Bamban	_no interview_	087	M-ML-ML-MH	70	40	20	Option 1: (1st Application: 3.00 (14-14-14-); 0.75 (46-0-0); 2.25 (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); 0.75 (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); 0.75 (0-0-60);	80	40	20	Option 1: (1st Application: 3.00 (14-14-14-); 1.00 (46-0-0); 2.22 (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); 0.75 (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); 0.75 (0-0-60);	90	50	30	Option 1: (1st Application: 4.50 (14-14-14-); 0.75 (46-0-0); 2.25 (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); 1.00 (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); 1.00 (0-0-60);	100	50	30	Option 1: (1st Application: 4.50 (14-14-14-); 1.00 (46-0-0); 2.25 (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); 1.00 (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); 1.00 (0-0-60);
Bamban	_no interview_	086	M-ML-ML-ML	70	40	40	Option 1: (1st Application: 5.75 (14-14-14-); (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); 1.50 (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); 1.50 (0-0-60);	80	40	40	Option 1: (1st Application: 5.75 (14-14-14-); (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); 1.50 (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); 1.50 (0-0-60);	90	50	50	Option 1: (1st Application: 7.25 (14-14-14-); (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); 1.75 (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); 1.75 (0-0-60);	100	50	50	Option 1: (1st Application: 7.25 (14-14-14-); (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); 1.75 (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); 1.00 (0-0-60);
Bani	_no interview_	066	M-L-L-ML	90	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (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); 1.50 (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); 1.50 (0-0-60);	100	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.50 (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); 1.50 (0-0-60);	110	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.75 (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); 1.75 (0-0-60);	120	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.75 (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); 1.75 (0-0-60);
Collat	_no interview_	082	M-ML-L-ML	70	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 0.75 (46-0-0); (3rd Application: 0.75 (46-0-0); Option 2: (1st Application: 6.00 (16-20-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 1.50 (46-0-0); 6.75 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.50 (0-0-60);	80	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); Option 2: (1st Application: 6.00 (16-20-0); (3rd Application: 1.50 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application: 1.75 (46-0-0); 6.75 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.50 (0-0-60);	90	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (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: 1.75 (0-0-60); Option 3: (1st Application: 2.00 (46-0-0); 8.00 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.75 (0-0-60);	100	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (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); 1.75 (0-0-60); Option 3: (1st Application: 2.25 (46-0-0); 8.00 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.75 (0-0-60);
Inhobol	_no interview_	066	M-L-L-ML	90	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (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); 1.50 (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); 1.50 (0-0-60);	100	60	40	Option 1: (1st Application: 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.50 (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); 1.50 (0-0-60);	110	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.75 (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); 1.75 (0-0-60);	120	70	50	Option 1: (1st Application: 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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); 1.75 (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); 1.75 (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)



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 ZAMBALES

Barangay	Farmer Representative	Fertilizer-Guide Group	Additional 10-20 bags/ha Organic Fertilizer is recommended for all options																
			INBRED RICE						HYBRID RICE										
			WET SEASON			DRY SEASON			WET SEASON			DRY SEASON							
			Number	Description	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	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			
Inhobol	_no interview_	070	M-L-ML-ML	90	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.25 (46-0-0); (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): 1.50 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	100	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);	110	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.25 (46-0-0); (2nd Application): 1.20 (46-0-0); (3rd Application): 1.20 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);	120	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);
Inhobol	_no interview_	102	M-MH-ML-ML	50	40	40	Option 1: (1st Application): 5.75 (14-14-14-); (3rd Application): 0.50 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 0.50 (46-0-0); (3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);	60	40	40	Option 1: (1st Application): 5.75 (14-14-14-); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 4.50 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);	70	50	50	Option 1: (1st Application): 7.25 (14-14-14-); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 5.75 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);	80	50	50	Option 1: (1st Application): 7.25 (14-14-14-); (2nd Application): 0.65 (46-0-0); (3rd Application): 0.87 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 1.75 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);
Inhobol	_no interview_	086	M-ML-ML-ML	70	40	40	Option 1: (1st Application): 5.75 (14-14-14-); (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); 1.50 (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); 1.50 (0-0-60);	80	40	40	Option 1: (1st Application): 5.75 (14-14-14-); (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); 1.50 (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); 1.50 (0-0-60);	90	50	50	Option 1: (1st Application): 7.25 (14-14-14-); (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); 1.75 (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); 1.75 (0-0-60);	100	50	50	Option 1: (1st Application): 7.25 (14-14-14-); (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); 1.75 (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); 1.75 (0-0-60);
San Lorenzo	_no interview_	072	M-L-ML-H	90	40	7	Option 1: (1st Application): 1.00 (14-14-14-); 1.75 (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): 1.50 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.00 (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);	100	40	7	Option 1: (1st Application): 1.00 (14-14-14-); 1.87 (46-0-0); 3.67 (0-18-0); (2nd Application): 1.09 (46-0-0); (3rd Application): 1.09 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);	110	50	7	Option 1: (1st Application): 1.00 (14-14-14-); 2.25 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.20 (46-0-0); (3rd Application): 1.20 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.50 (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);	120	50	7	Option 1: (1st Application): 1.00 (14-14-14-); 2.50 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);
San Lorenzo	_no interview_	070	M-L-ML-ML	90	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.25 (46-0-0); (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): 1.50 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	100	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);	110	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.25 (46-0-0); (2nd Application): 1.20 (46-0-0); (3rd Application): 1.20 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);	120	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (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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FERTILIZER-GUIDE FOR RICE
PROVINCE OF ZAMBALES

Barangay	Farmer Representative	Fertilizer-Guide Group	Additional 10-20 bags/ha Organic Fertilizer is recommended for all options														
			INBRED RICE									HYBRID RICE					
			WET SEASON			WET SEASON			DRY SEASON			WET SEASON			WET SEASON		
			Number	Description	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement	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		N P ₂ O ₅ K ₂ O			
San Lorenzo	_no interview_	098	M-MH-L-ML	50 60 40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 0.50 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 0.25 (46-0-0); 1.50 (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); 1.50 (0-0-60);	60 60 40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.00 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 0.50 (46-0-0); 1.50 (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); 1.50 (0-0-60);	70 70 50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.00 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (3rd Application): 0.75 (46-0-0); 1.75 (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); 1.75 (0-0-60);	80 70 50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (3rd Application): 1.00 (46-0-0); 1.75 (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); 1.75 (0-0-60);						
Santa Rita	_no interview_	067	M-L-L-MH	90 60 20	Option 1: (1st Application): 3.00 (14-14-14-); 4.50 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 0.75 (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); 0.75 (0-0-60);	100 60 20	Option 1: (1st Application): 3.00 (14-14-14-); 4.50 (0-18-0); (2nd Application): 1.75 (46-0-0); (3rd Application): 1.75 (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); 0.75 (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); 0.75 (0-0-60);	110 70 30	Option 1: (1st Application): 4.50 (14-14-14-); 4.50 (0-18-0); (2nd Application): 1.75 (46-0-0); (3rd Application): 1.75 (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); 1.00 (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); 1.00 (0-0-60);	120 70 30	Option 1: (1st Application): 4.50 (14-14-14-); 4.50 (0-18-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 2.00 (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); 1.00 (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); 1.00 (0-0-60);						
Santa Rita	_no interview_	066	M-L-L-ML	90 60 40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (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); 1.50 (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); 1.50 (0-0-60);	100 60 40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.50 (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); 1.50 (0-0-60);	110 70 50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.75 (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); 1.75 (0-0-60);	120 70 50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.75 (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); 1.75 (0-0-60);						
Santa Rita	_no interview_	102	M-MH-ML-ML	50 40 40	Option 1: (1st Application): 5.75 (14-14-14-); (3rd Application): 0.50 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 0.50 (46-0-0); (3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);	60 40 40	Option 1: (1st Application): 5.75 (14-14-14-); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 4.50 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);	70 50 50	Option 1: (1st Application): 7.25 (14-14-14-); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 5.75 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);	80 50 50	Option 1: (1st Application): 7.25 (14-14-14-); (2nd Application): 0.65 (46-0-0); (3rd Application): 0.87 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 1.75 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);						
Santa Rita	_no interview_	082	M-ML-L-ML	70 60 40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 6.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	80 60 40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 1.50 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.75 (46-0-0); 6.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	90 70 50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (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): 1.75 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 8.00 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);	100 70 50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (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): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 8.00 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (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)



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 ZAMBALES

Barangay	Farmer Representative	Fertilizer-Guide Group	Additional 10-20 bags/ha Organic Fertilizer is recommended for all options																							
			INBRED RICE												HYBRID RICE											
			WET SEASON						DRY SEASON						WET SEASON						DRY SEASON					
			Nutrient Requirement		Recommended Fertilizer Rate (bags/hectare)				Nutrient Requirement		Recommended Fertilizer Rate (bags/hectare)				Nutrient Requirement		Recommended Fertilizer Rate (bags/hectare)				Nutrient Requirement		Recommended Fertilizer Rate (bags/hectare)			
Number	Description	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							
Santo Rosario	_no interview_	072	M-L-ML-H	90	40	7	Option 1: (1st Application): 1.00 (14-14-14-); 1.75 (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): 1.50 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.00 (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);	100	40	7	Option 1: (1st Application): 1.00 (14-14-14-); 1.87 (46-0-0); 3.67 (0-18-0); (2nd Application): 1.09 (46-0-0); (3rd Application): 1.09 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);	110	50	7	Option 1: (1st Application): 1.00 (14-14-14-); 2.25 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.20 (46-0-0); (3rd Application): 1.20 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.50 (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);	120	50	7	Option 1: (1st Application): 1.00 (14-14-14-); 2.50 (46-0-0); 5.00 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 0.25 (0-0-60);							
Santo Rosario	_no interview_	070	M-L-ML-ML	90	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.25 (46-0-0); (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): 1.50 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	100	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);	110	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.25 (46-0-0); (2nd Application): 1.20 (46-0-0); (3rd Application): 1.20 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);	120	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);							
Santo Rosario	_no interview_	102	M-MH-ML-ML	50	40	40	Option 1: (1st Application): 5.75 (14-14-14-); (3rd Application): 0.50 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 0.50 (46-0-0); (3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);	60	40	40	Option 1: (1st Application): 5.75 (14-14-14-); (3rd Application): 1.00 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 4.50 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);	70	50	50	Option 1: (1st Application): 7.25 (14-14-14-); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 1.50 (46-0-0); 5.75 (0-18-0); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);	80	50	50	Option 1: (1st Application): 7.25 (14-14-14-); (2nd Application): 0.65 (46-0-0); (3rd Application): 0.87 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 0.75 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 1.75 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);							
Taltal	_no interview_	066	M-L-L-ML	90	60	40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (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); 1.50 (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); 1.50 (0-0-60);	100	60	40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.50 (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); 1.50 (0-0-60);	110	70	50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.75 (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); 1.75 (0-0-60);	120	70	50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.75 (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); 1.75 (0-0-60);							
Tapuac	_no interview_	066	M-L-L-ML	90	60	40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (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); 1.50 (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); 1.50 (0-0-60);	100	60	40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.50 (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); 1.50 (0-0-60);	110	70	50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.75 (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); 1.75 (0-0-60);	120	70	50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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); 1.75 (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); 1.75 (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)



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 ZAMBALES

Barangay	Farmer Representative	Fertilizer-Guide Group	Additional 10-20 bags/ha Organic Fertilizer is recommended for all options																
			INBRED RICE						HYBRID RICE										
			WET SEASON			DRY SEASON			WET SEASON			DRY SEASON							
			Number	Description	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)	Nutrient Requirement			Recommended Fertilizer Rate (bags/hectare)			
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				
Tapuac	_no interview_	070	M-L-ML-ML	90	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.25 (46-0-0); (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): 1.50 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	100	40	40	Option 1: (1st Application): 5.75 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 4.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);	110	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.25 (46-0-0); (2nd Application): 1.20 (46-0-0); (3rd Application): 1.20 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 5.75 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);	120	50	50	Option 1: (1st Application): 7.25 (14-14-14-); 0.50 (46-0-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 5.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 5.25 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);
Tapuac	_no interview_	098	M-MH-L-ML	50	60	40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 0.50 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 0.25 (46-0-0); 1.50 (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); 1.50 (0-0-60);	60	60	40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.00 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (3rd Application): 0.50 (46-0-0); 1.50 (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); 1.50 (0-0-60);	70	70	50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.00 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (3rd Application): 0.75 (46-0-0); 1.75 (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); 1.75 (0-0-60);	80	70	50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 1.50 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (3rd Application): 1.00 (46-0-0); 1.75 (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); 1.75 (0-0-60);
Tapuac	_no interview_	087	M-ML-ML-MH	70	40	20	Option 1: (1st Application): 3.00 (14-14-14-); 0.75 (46-0-0); 2.25 (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); 0.75 (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); 0.75 (0-0-60);	80	40	20	Option 1: (1st Application): 3.00 (14-14-14-); 1.00 (46-0-0); 2.22 (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); 0.75 (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); 0.75 (0-0-60);	90	50	30	Option 1: (1st Application): 4.50 (14-14-14-); 0.75 (46-0-0); 2.25 (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); 1.00 (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); 1.00 (0-0-60);	100	50	30	Option 1: (1st Application): 4.50 (14-14-14-); 1.00 (46-0-0); 2.25 (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); 1.00 (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); 1.00 (0-0-60);

FOR THE LEGEND

Fertilizer Guide for Rice

For Transplanted

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

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1st Application: after last harrowing

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