



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)							
Texture-N-P-K	N P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O	N P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O		N P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O	N P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O														
Municipality of SUBIC																			
Aningway Sacatihan	_no interview_	079	M-L-H-MH	90	7	20	Option 1: (1st Application: 1.00 (14-14-14-); 1.75 (46-0-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.75 (46-0-0); 0.75 (0-0-60); Option 3: (1st Application: 2.00 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 0.75 (0-0-60);	100	7	20	Option 1: (1st Application: 1.00 (14-14-14-); 2.00 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 2.25 (46-0-0); (3rd Application: 2.00 (46-0-0); 0.75 (0-0-60); Option 3: (1st Application: 2.25 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 0.75 (0-0-60);	110	7	30	Option 1: (1st Application: 1.00 (14-14-14-); 2.25 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 4.75 (46-0-0); (3rd Application: 1.00 (0-0-60); Option 3: (1st Application: 2.50 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60);	120	7	30	Option 1: (1st Application: 1.00 (14-14-14-); 2.50 (46-0-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.00 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 3.00 (46-0-0); (3rd Application: 2.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.75 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.00 (0-0-60);
Aningway Sacatihan	_no interview_	075	M-L-MH-MH	90	20	30	Option 1: (1st Application: 3.00 (14-14-14-); 1.25 (46-0-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 2.00 (16-20-0); (2nd Application: 2.25 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.00 (46-0-0); 2.25 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.00 (0-0-60);	100	20	30	Option 1: (1st Application: 3.00 (14-14-14-); 1.50 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 2.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.75 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.25 (46-0-0); 2.25 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60);	110	30	30	Option 1: (1st Application: 4.50 (14-14-14-); 1.25 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); Option 2: (1st Application: 3.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.75 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.50 (46-0-0); 3.50 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60);	120	30	30	Option 1: (1st Application: 4.50 (14-14-14-); 1.50 (46-0-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); Option 2: (1st Application: 3.00 (16-20-0); (2nd Application: 2.25 (46-0-0); (3rd Application: 2.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.75 (46-0-0); 3.50 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.00 (0-0-60);
Aningway Sacatihan	_no interview_	071	M-L-ML-MH	90	40	20	Option 1: (1st Application: 3.00 (14-14-14-); 1.25 (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: 1.50 (46-0-0); (3rd Application: 1.00 (46-0-0); 0.75 (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); 0.75 (0-0-60);	100	40	20	Option 1: (1st Application: 3.00 (14-14-14-); 1.30 (46-0-0); 2.22 (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); 0.75 (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); 0.75 (0-0-60);	110	50	30	Option 1: (1st Application: 4.50 (14-14-14-); 1.25 (46-0-0); 2.22 (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); 1.00 (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); 1.00 (0-0-60);	120	50	30	Option 1: (1st Application: 4.50 (14-14-14-); 1.50 (46-0-0); 2.25 (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); 1.00 (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); 1.00 (0-0-60);
Mangan-Vaca	_no interview_	079	M-L-H-MH	90	7	20	Option 1: (1st Application: 1.00 (14-14-14-); 1.75 (46-0-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.75 (46-0-0); 0.75 (0-0-60); Option 3: (1st Application: 2.00 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 0.75 (0-0-60);	100	7	20	Option 1: (1st Application: 1.00 (14-14-14-); 2.00 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 2.25 (46-0-0); (3rd Application: 2.00 (46-0-0); 0.75 (0-0-60); Option 3: (1st Application: 2.25 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 0.75 (0-0-60);	110	7	30	Option 1: (1st Application: 1.00 (14-14-14-); 2.25 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 4.75 (46-0-0); (3rd Application: 1.00 (0-0-60); Option 3: (1st Application: 2.50 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60);	120	7	30	Option 1: (1st Application: 1.00 (14-14-14-); 2.50 (46-0-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.00 (0-0-60); Option 2: (1st Application: 0.75 (16-20-0); (2nd Application: 3.00 (46-0-0); (3rd Application: 2.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.75 (46-0-0); 1.00 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); 1.00 (0-0-60);
Mangan-Vaca	_no interview_	075	M-L-MH-MH	90	20	30	Option 1: (1st Application: 3.00 (14-14-14-); 1.25 (46-0-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 2.00 (16-20-0); (2nd Application: 2.25 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.00 (46-0-0); 2.25 (0-18-0); (2nd Application: 1.00 (46-0-0); (3rd Application: 1.00 (46-0-0); 1.00 (0-0-60);	100	20	30	Option 1: (1st Application: 3.00 (14-14-14-); 1.50 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application: 2.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.75 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.25 (46-0-0); 2.25 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60);	110	30	30	Option 1: (1st Application: 4.50 (14-14-14-); 1.25 (46-0-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); Option 2: (1st Application: 3.00 (16-20-0); (2nd Application: 2.00 (46-0-0); (3rd Application: 1.75 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.50 (46-0-0); 3.50 (0-18-0); (2nd Application: 1.25 (46-0-0); (3rd Application: 1.25 (46-0-0); 1.00 (0-0-60);	120	30	30	Option 1: (1st Application: 4.50 (14-14-14-); 1.50 (46-0-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (46-0-0); Option 2: (1st Application: 3.00 (16-20-0); (2nd Application: 2.25 (46-0-0); (3rd Application: 2.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application: 2.75 (46-0-0); 3.50 (0-18-0); (2nd Application: 1.50 (46-0-0); (3rd Application: 1.50 (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)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

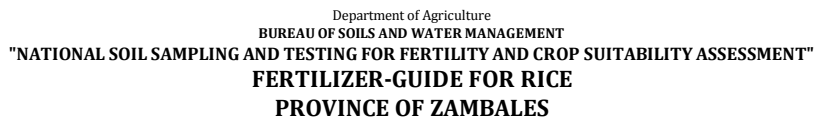
after second harrowing: 10-20 bags organic fertilizer (basal)

Inorganic Fertilizer:

1<sup>st</sup> Application: 10 -15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)



FOR THE LEGEND	
<b>Fertilizer Guide for Rice</b>	<b>Fertilizer Guide for Maize</b>
<b><i>For Transplanted</i></b>	<b><i>For Direct Seeded</i></b>
after second harrowing: 10-20 bags organic fertilizer (basal)	after second harrowing: 10-20 bags organic fertilizer (basal)
Inorganic Fertilizer:	Inorganic Fertilizer:
1 <sup>st</sup> Application: after last harrowing	1 <sup>st</sup> Application: 10- 15 DAS (days after seeding)
2 <sup>nd</sup> Application: 10-14 DAT (days after transplanting)	2 <sup>nd</sup> Application: 20-30 DAS (days after seeding)
3 <sup>rd</sup> Application: 20-25 DAT (days after transplanting)	3 <sup>rd</sup> 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)		
					N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O				N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O				N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O				N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O			
San Isidro	no interview_	075	M-L-MH-MH	90	20	30	Option 1: (1st Application): 3.00 (14-14-14-); 1.25 (46-0-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application): 2.00 (16-20-0); (2nd Application): 2.25 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 2.25 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);	100	20	30	Option 1: (1st Application): 3.00 (14-14-14-); 1.50 (46-0-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.50 (0-0-60); Option 2: (1st Application): 2.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.75 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 2.25 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);	110	30	30	Option 1: (1st Application): 4.50 (14-14-14-); 1.25 (46-0-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 3.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.75 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 3.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.00 (0-0-60);	120	30	30	Option 1: (1st Application): 4.50 (14-14-14-); 1.50 (46-0-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 3.00 (16-20-0); (2nd Application): 2.25 (46-0-0); (3rd Application): 2.00 (46-0-0); 1.00 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 3.50 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (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)

Inorganic Fertilizer:

1<sup>st</sup> Application: after last harrowing

2<sup>nd</sup> Application: 10-14 DAT (days after transplanting)

3<sup>rd</sup> Application: 20-25 DAT (days after transplanting)

**For Direct Seeded**

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

Inorganic Fertilizer:

1<sup>st</sup> Application: 10 -15 DAS (days after seeding)

2<sup>nd</sup> Application: 20-30 DAS (days after seeding)

3<sup>rd</sup> Application: 35-45 DAS (days after seeding)