



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 ILOCOS NORTE**

Municipality	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	
ADAMS	003	L-L-L-MH	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);	120	60	20	Option 1: (1st Application): 3.00 (14-14-14-); 4.50 (0-18-0); (2nd Application): 2.25 (46-0-0); (3rd Application): 2.25 (46-0-0); Option 2: (1st Application): 6.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 0.75 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 0.75 (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);	140	70	30	Option 1: (1st Application): 4.50 (14-14-14-); 4.50 (0-18-0); (2nd Application): 2.50 (46-0-0); (3rd Application): 2.50 (46-0-0); Option 2: (1st Application): 7.00 (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): 3.00 (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);
ADAMS	002	L-L-L-ML	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);	120	60	40	Option 1: (1st Application): 5.75 (14-14-14-); 2.25 (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): 2.00 (46-0-0); (3rd Application): 1.25 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 6.75 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.50 (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);	140	70	50	Option 1: (1st Application): 7.25 (14-14-14-); 2.25 (0-18-0); (2nd Application): 2.50 (46-0-0); (3rd Application): 2.50 (46-0-0); Option 2: (1st Application): 7.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.75 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 3.00 (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);
ADAMS	034	L-MH-L-ML	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);	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); (2nd Application): 0.75 (46-0-0); (3rd Application): 0.75 (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);	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);	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);

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

Fertilizer materials:  
Complete (14-14-14)  
Urea (46-0-0)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)