LEGEND

All options recommended to apply 10-20 bags/ha Organic Fertilizer

Mapping Unit	Description	INBRED RICE – WET SEASON: Nutrient Requirement (N, P_2O_5, K_2O)	INBRED RICE – WET SEASON: Recommended Fertilizer Rate (bags/hectare)	INBRED RICE – DRY SEASON: Nutrient Requirement (N, P_2O_5, K_2O)	INBRED RICE – DRY SEASON: Recommended Fertilizer Rate (bags/hectare)	HYBRID RICE – WET SEASON: Nutrient Requirement (N, P_2O_5, K_2O)	HYBRID RICE – WET SEASON: Recommended Fertilizer Rate (bags/hectare)	HYBRID RICE – DRY SEASON: Nutrient Requirement (N, P_2O_5, K_2O)	HYBRID RICE – DRY SEASON: Recommended Fertilizer Rate (bags/hectare)	Area: ha	Area: %
	TEXTURE-N-P-K										
65	M-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);	46	0.25
66	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);	287	1.56
67	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);	6,740	36.61
68	M-L-L-H	90 60 7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (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); 0.25 (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); 0.25 (0-0-60);	100 60 7	Option 1: *(1st Application):* 1.00 (14-14-14-); 6.00 (0-18-0); *(2nd Application):* 2.00 (46-0-0); *(3rd Application):* 2.00 (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); 0.25 (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); 0.25 (0-0-60);	110 70 7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (0-18-0); *(2nd Application):* 2.25 (46-0-0); *(3rd Application):* 2.25 (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); 0.25 (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); 0.25 (0-0-60);	120 70 7	Option 1: *(1st Application):* 1.00 (14-14-14-); 7.00 (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):* 1.00 (46-0-0); 0.25 (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); 0.25 (0-0-60);	11,338	61.58
									TOTAL	***18,410***	***100.00***

Area estimated based on actual field survey, other information from DA-RFO's, MA's, NIA service area, NAMRIA Land Cover (2010) and BSWM Land Use System Map

Fertilizer Recommendation Guide for Rice

1st Application -	*After last harrowing - Basal*	*(14-14-14)*	*Complete*
2nd Application -	*10 - 14 DAT (days after transplanting) - Topdress*	*(46-0-0)*	*Urea*
3rd Application -	*20 - 25 DAT (days after transplanting) - Topdress*	*(16-20-0)*	*Ammophos*
		(0-18-0)	*Solophos*
		(0-0-60)	*Muriate of Potash*

DESCRIPTION			
TEXTURE	N	P	K
L - Light	L - Low		
	ML - Moderately Low		
M - Medium	MH - Moderately High		
to Heavy	H - High		

CONVENTIONAL SIGNS

ROADS	*BOUNDARY*	*HYDROLOGY*
Expressway	Regional	Rivers / Lake
Trunk line	Provincial	Shoreline
Primary	District	*PLACES*
Secondary	Municipal	Capital City / City
Tertiary		Capital Town / Town

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

FERTILIZER GUIDE MAP
(Key Rice Areas)
PROVINCE OF LAGUNA

SCALE 1:80,000

0 1 2 4 6 8
Kilometers

Projection : Transverse Mercator
Datum : Luzon 1911
DISCLAIMER : All political boundaries are not authoritative

MISCELLANEOUS INFORMATION

SOURCES OF INFORMATION : Topographic information taken from NAMRIA Topographic Map at a scale of 1:50,000. Elevation data taken from SRTM 1 arc-second global dataset (2015). Bathymetry information taken from British Oceanographic Centre. Fertility data gathered through the Bureau of Soils and Water Management (BSWM), National Soil Sampling and Testing for Fertility and Crop Suitability Assessment Project led by the Soil Survey Division (SSD) in 2016.

Users noting errors or omissions in this publication are requested to inform the BSWM, SRDC Bldg., Elliptical Rd.,cor. Visayas Avenue, Diliman, Quezon City, Philippines or visit the BSWM website(http://www.bswm.da.gov.ph).

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Prepared and produced by the **Geomatics and Soil Information Technology Division, BSWM.**

LOCATION MAP