

_	Description TEXTURE-N-P-K	All options recommended to apply 10-20 bags/ha Organic Fertilizer  INBRED RICE HYBRID RICE															
Mapping Symbol		WET SEASON				D KICE		DRY SEASON				WET SEASON		<u> </u>	DRY SEASON	AR	EA
		Requ	trient iremen		Recommended Fertilizer Rate (bags/hectare)	Nutr Requir N P2	ement	Recommended Fertilizer Rate (bags/hectare)	Rec	lutrien uirem P₂O₅	ent	Recommended Fertilizer Rate (bags/hectare)	Re	Nutrient quirement P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O	Recommended Fertilizer Rate (bags/hectare)	ha	%
66	M-L-L-ML			40 C ( ( ( ( ( ( ( (	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);  (2rd 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);  (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	100 6				70		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): 1.50 (16-20-0); (2rd 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);	120			205	5.3
67	M-L-L-MH	90	60	(. (. (. (. (. (. (.	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); (2ption 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); (2ption 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);	100 6	0 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); 0.75 (0-0-60);	110	70		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);	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);	391	10.2
68	M-L-L-H	90	60	(. (. (. (. (. (. (.	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); (2nd 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); (2nd Application): 2.00 (46-0-0); 6.75 (0-18-0); (2nd 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 6	0 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); (3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);	110	70		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); (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): 2.00 (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);	1,577	41.1
70	M-L-ML-ML	90	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); (1st Application): 4.00 (16-20-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); 1.50 (0-0-60); (2nd Application): 1.00 (46-0-0); 4.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	100 4	0 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); 1.50 (0-0-60);	110	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); (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); 1.75 (0-0-60); (3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);	29	0.7
71	M-L-ML-MH	90	40	(. 2 (. (. (. (. (. (. (.	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); (2nt 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); (2nt Application): 1.00 (46-0-0); 4.50 (0-18-0); (2nt Application): 1.00 (46-0-0); 4.50 (0-18-0); (2nt Application): 1.00 (46-0-0);	100 4	0 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);	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);	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); (3rd Application): 2.75 (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);	215	5.6
72	M-L-ML-H	90	40	7 ( 3 ( ( ( ( ( ( (.	3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);  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);  Option 3:  (1st Application): 2.00 (46-0-0); 4.50 (0-18-0);  2nd Application): 1.00 (46-0-0);  (2nd Application): 1.00 (46-0-0);  (2nd Application): 1.00 (46-0-0);	100 4	0 7	(3rd Application): 1.25 (46-0-0); 0.75 (0-0-60); 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); 0.35 (0-0-60);	110	50	7	(3rd Application): 1.25 (46-0-0); 1.00 (0-0-60); 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); 0.25 (0-0-60);	120	50 7	(3rd Application): 1.50 (46-0-0); 1.00 (0-0-60); 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); (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);	1,050	27.
74	M-L-MH-ML	90	20	40 C	(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Option 1: (1st Application): 3.00 (14-14-14-); 1.25 (46-0-0); (2rd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 0.75 (0-0-60); Option 2: (1st Application): 2.00 (16-20-0); (2rd Application): 2.25 (46-0-0); (2rd Application): 1.00 (46-0-0); 1.50 (0-0-60); Option 3: (1st Application): 2.00 (46-0-0); 2.25 (0-18-0); (2rd Application): 1.00 (46-0-0); (2rd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);	100 2	0 40	(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); Option 1: (1st Application): 3.00 (14-14-14-); 1.50 (46-0-0); (2nd Application): 1.25 (46-0-0); 0.75 (0-0-60); Option 2: (1st Application): 2.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (2nd Application): 2.00 (46-0-0); (2nd Application): 1.75 (46-0-0); 1.50 (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);	110	30	50	(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); Option 1: (1st Application): 4.50 (14-14-14-); 1.25 (46-0-0); (2nd Application): 1.25 (46-0-0); 0.75 (0-0-60); Option 2: (1st Application): 3.00 (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): 2.50 (46-0-0); 3.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0);	120	30 50	(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); Option 1: (1st Application): 4.50 (14-14-14-1); 1.50 (46-0-0); (2nd Application): 1.50 (46-0-0); 0.75 (0-0-60); Option 2: (1st Application): 3.00 (16-20-0); (2nd Application): 2.25 (46-0-0); (3rd Application): 2.00 (46-0-0); 1.75 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 3.50 (0-18-0); (2nd Application): 1.50 (46-0-0); 1.75 (0-0-60); (2nd Application): 1.50 (46-0-0); 1.75 (0-0-60);	78	2.
76	М-L-МН-Н	90	20	() 1 () () () () () ()	Option 1: (1st Application): 1.00 (14-14-14-); 1.75 (46-0-0); (1.50 (0-18-0); (2nd Application): 1.00 (46-0-0); (3rd Application): 1.00 (46-0-0); (2nt Application): 2.00 (16-20-0); (2nd Application): 2.25 (46-0-0); (2nd Application): 1.00 (46-0-0); 0.25 (0-0-60); (2nt Application): 1.00 (46-0-0); 2.25 (0-18-0); (2nd Application): 2.00 (46-0-0); 2.25 (0-18-0); (2nd Application): 1.00 (46-0-0);	100 2	0 7	Option 1: (1st Application): 1.00 (14-14-14-); 2.00 (46-0-0); 1.50 (0-18-0); (2nd Application): 1.25 (46-0-0); (3rd Application): 1.25 (46-0-0); Option 2: (1st Application): 2.00 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.75 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 2.25 (0-18-0); (2nd Application): 1.25 (46-0-0);	110	30		Option 1: (1st Application): 1.00 (14-14-14-); 2.25 (46-0-0); 2.75 (0-18-0); (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); 0.25 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 3.50 (0-18-0); (2nd Application): 1.25 (46-0-0);	120	30 7	Option 1: (1st Application): 1.00 (14-14-14-); 2.50 (46-0-0); 2.75 (0-18-0); (2nd Application): 1.50 (46-0-0); (3rd Application): 1.50 (46-0-0); Option 2: (1st Application): 2.25 (46-0-0); (2nd Application): 2.25 (46-0-0); (3rd Application): 2.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 3.50 (0-18-0); (2nd Application): 1.50 (46-0-0);	187	4.
30	M-L-H-H	90	7	7 C ( ( ( ( ( ( ( (	(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); Dption 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); Dption 2: (1st Application): 0.75 (16-20-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 1.75 (46-0-0); 0.25 (0-0-60); (2nd Application): 1.75 (46-0-0); 1.00 (0-18-0); (2nd Application): 1.00 (46-0-0); 1.00 (0-18-0); (2nd Application): 1.00 (46-0-0); 0.25 (0-0-60); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); (3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);	100 7	7	(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); 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); Option 2: (1st Application): 0.75 (16-20-0); (2nd Application): 2.25 (46-0-0); (3rd Application): 2.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.25 (46-0-0); 1.00 (0-18-0); (2nd Application): 1.25 (46-0-0);	110	7	7	(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); 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); Option 2: (1st Application): 0.75 (16-20-0); (2nd Application): 4.75 (46-0-0); (3rd Application): 0.25 (0-0-60); Option 3: (1st Application): 2.50 (46-0-0); 1.00 (0-18-0); (2nd Application): 1.25 (46-0-0);	120	7 7	(3rd Application): 1.50 (46-0-0); 0.25 (0-0-60); Option 1: (1st Application): 1.00 (14-14-14-); 2.50 (46-0-0); (2nd Application): 1.50 (46-0-0); Option 2: (1st Application): 0.75 (16-20-0); (2nd Application): 3.00 (46-0-0); (2nd Application): 2.00 (46-0-0); (3rd Application): 2.00 (46-0-0); 0.25 (0-0-60); Option 3: (1st Application): 2.75 (46-0-0); 1.00 (0-18-0); (2nd Application): 1.50 (46-0-0);	102	2

	DESCRIPTION										
TEXTURE	N	Р	к								
L - Light	L	-Low									
L - Ligit	ML	- Moderat	ely Low								
M - Medium	MH	- Moderately High									
to Heavy	Н	- High									

## FERTILIZER GUIDE FOR RICE

ORGANIC FERTILIZER Basal Application: After 2nd harrowing - 10-20 bags \*Organic Fertilizer

INORGANIC FERTILIZER

1st Application: After last harrowing - Basal

2nd Application: 10-14 DAT/P (days after transplanting/planting) - Topdress 3rd Application: 20-25 DAT/P (days after transplanting/planting) - Topdress

\*5-10% Total NPK per PNS/ BAFS 183:2016 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.