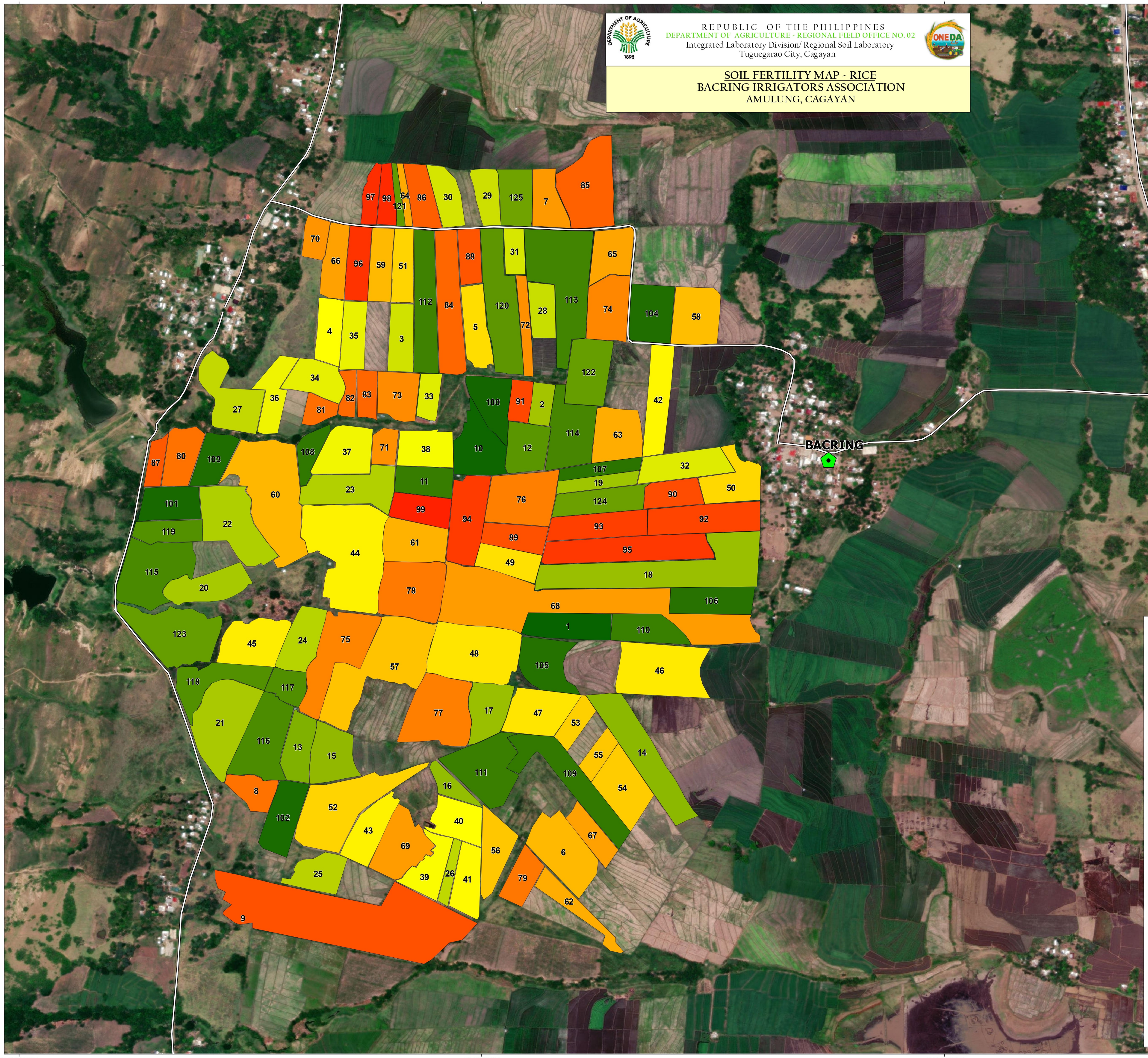
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE - REGIONAL FIELD OFFICE NO. 02
Integrated Laboratory Division/ Regional Soil Laboratory
Tuguegarao City, Cagayan

SOIL FERTILITY MAP - RICE
BACRING IRRIGATORS ASSOCIATION
AMULUNG, CAGAYAN



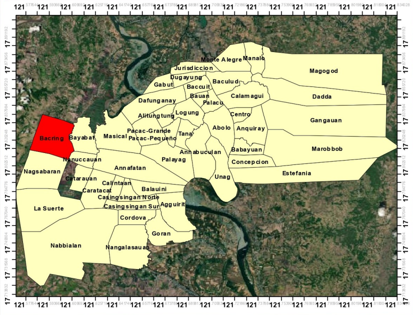
N
Scale 1:2,500
0 0.0475 0.095 0.19 0.285 0.38 Kilometers

LEGEND

- ⬟ Barangay Hall
- ▭ Road

BARANGAY	AREA (HA.)
Bacring	115.43

LOCATION MAP



NUMBER CODE	NAME OF FARMER	AREA (HA)
1	ALEX VILLANUEVA	0.34
2	ALEX VILLANUEVA 2	0.64
3	ALFREDO URIN 2	0.61
4	ALFREDO URIN 1	0.73
5	ALIMAR DONATO	0.84
6	AMADOR BAROGA	1.3
7	ANONG TABISORA	0.64
8	ANTONIO TALADTAD 2	0.5
9	ANTONIO TALADTAD 1	4.8
10	ARNOLD MEDRANO	0.99
11	ARNOLD MEDRANO 2	0.61
12	ARNOLD MEDRANO 3	0.74
13	BETTY VILLANUEVA	0.68
14	BONG MEDRANO	1.58
15	BOY VILLANUEVA	0.86
16	BOY VILLANUEVA 2	0.34
17	CARLITO TANTE	0.78
18	CELY IRORITA 1	2.67
19	CELY IRORITA 2	0.4
20	CRISPINO CABARONG	0.85
21	CRISPINO CABARONG 2	1.64
22	DANILO GOROSPE	0.8
23	DANILO GOROSPE 2	1.14
24	DANTE VERGONIA	0.8
25	DANTE DOMINGO	0.66
26	DANTE DOMINGO 2	0.24
27	DAVID CASTRO	1.1
28	DAVID CASTRO 2	0.52
29	DEMIE CASTRO	0.5
30	DEMIE CASTRO 2	0.57
31	DEMIE CASTRO 4	0.35
32	DEN-DEN PURWEL	0.89
33	DENNIS SERANO	0.36
34	DENNIS SERANO 2	0.68
35	DENNIS SERANO 3	0.61
36	DENNIS SERANO 5	0.66
37	DEVINA PENIA 2	0.91
38	DEVINA PENIA	0.75
39	DOMINGO TABULOG	0.67
40	DOMINGO TABULOG 2	0.71
41	DOMINGO TABULOG 3	0.67
42	EDDIE TANOD	0.93
43	EDWIN GOROSPE	0.78
44	EDWIN GOROSPE 2	2.65
45	ELVIE ECHAVERI	1.1
46	ELVIES ECHAVARI 4	1.67
47	ELVIS ECHAVER 2	1
48	ELVIS MEDRANO	1.82
49	ELVIS MEDRANO 2	0.62
50	ELVIS MEDRANO 3	0.83
51	FERDINAND ALVIAR	0.58
52	FLORDELINA MEDRANO	1.8
53	FRANCIS MEDRANO	0.39
54	FREDDIE ORLANES	1
55	FREDDIE TABA-OG	0.35
56	FREDDIE TABA-OG 2	0.77
57	GILBERT GOROSPE	2.23
58	GILBERT GOROSPE 2	1
59	GILBERT GOROSPE 3	0.62
60	GILBERT GOROSPE 4	2.35
61	GILBERT GOROSPE 5	0.95
62	GILBERT MEDRANO	0.55
63	GINGGING PURWEL	0.92
64	HARVEY HERBERT 2	0.17
65	HARVEY HERBERT	0.73
66	HARVEY HERBERT 3	0.64
67	JAYSON DOMINGO	0.51
68	JEFFREY DOMINGO	4
69	JEFFREY DOMINGO 1	1
70	JERY DONATO	0.36
71	JM DONATO	0.32
72	JOEL BARCENA 1	0.38
73	JOEL BARCENA 2	0.7
74	JOEL BARCENA 3	0.96
75	JOEL GOROSPE 1	1.47
76	JOEL GOROSPE 4	1.29
77	JOEL GOROSPE 2	1.54
78	JOEL GOROSPE 3	1.35
79	JOEY MEDRANO	0.54
80	JOEY TABISUARA	0.7
81	JOHNY ALVER	0.3
82	JOHNY ALVIAR JR.	0.25
83	JOHNY ALVIAR SR. 2	0.36
84	JOHNY CASTRO 1	1.32
85	JOHNY CASTRO 2	1.51
86	JOHNY CASTRO 3	0.61
87	JR GARCIA	0.3
88	JULIUS URIN	0.45
89	JUN - JUN MEDRANO 2	0.6
90	JUN-JUN MEDRANO	0.56
91	JUNIOR BARCENA	0.33
92	JOEL PURWEL	1.19
93	KEVIN VALEJO	0.91
94	LINA RAFAEL	1.12
95	LITO RAMOS	1.54
96	LORETO GARCIA	0.63
97	LORETO GARCIA 2	0.33
99	MANNY MEDRANO	0.62
100	MARICON PEÑA	0.73
101	MASUETA PERUS 2	0.73
102	NELSON PURWEL	0.9
103	NELSON TABISUARA	0.62
104	NELSON TABISURA 2	0.93
105	NOEL PURWEL	0.9
106	PEPE VALLEJO	0.85
107	REYNANTE JOSE	0.4
108	RESNALD PEÑA	0.39
109	REYNALDO DOMINGO 1	1.37
110	REYNALDO DOMINGO 2	0.72
111	RONALD RAMIREZ	1.32
112	RUBUSTIANO IRORITA	1.21
113	TEDDY VALLEJO	2.11
114	VENUS VALLEJO	1.14
115	VERGILLO CABARONG	1.47
116	VERGILLO CABARONG 2	1.32
117	VERGILLO CABARONG 3	0.43
118	VERGILLO CABARONG 4	0.91
119	VERGILLO CABARONG 6	0.55
120	VICENTE BARCENA	1.55
121	VICENTE BARCENA 2	0.15
122	VIOLETA JACOB	1
123	VERGILLO CABARONG 5	1.58
124	WARLITO MEDRANO	0.82
125	WILFREDO PIRA	0.7

Fertilizer Recommendation Reference
Bacring, Amulung Cagayan

RICE FERTILIZER REQUIREMENT PER HECTARE APPLICATION

HYBRID WET

COLOR CODE	FERTILIZER RECOMMENDATION	AREA	BASAL	1st TOP DRESS (7-10 DAT)	2nd TOP DRESS (20-25 DAT)	3rdTOP DRESS (35-40 DAT)
🟩	60-10-0 MH-H-VH	0.24	1.0bag/ha.16-20-0, 0.5bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.3bag/ha 46-0-0 ,1bag/ha.0-0-60 or based on leaf color chart, 35-40 days after transplanting
🟩	60-20-0 MH-M-VH	1	1.3 bag 46-0-0 & 20 bags/ha. OF	1.0 bag/ha. 21-0-0	1.6 bags/ha.46-0-0 , 1.0 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart
🟩	80-0-0 ML-VH-VH	6.46	1.0 bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-10-0 ML-H-VH	36.68	1.0 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.7 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-20-0 ML-M-VH	38.5	2.0 bags/ha 16-20-0, 0.3 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-30-0 ML-L-VH	1.6	3.0 bags/ha 16-20-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-10-30 ML-H-H	1.65	2.0 bags/ha 14-14-14 , 0.5 bag/ha 46-0-0 & 20 bags	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.4 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	80-20-30 ML-M-H	1.82	3.0 Bags/ha 14-14-14 & 20 bags/h. Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.6 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	100-0-0 L-VH-VH	1.27	1.3 bags/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.6 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	100-10-0 L-H-VH	0.73	1.0 bags/ha 16-20-0, 1.0 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	100-20-0 L-M-VH	22.29	2.0 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.6 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	100-30-0 L-L-VH	1.53	3bag/ha.16-20-0, 0.3bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.7 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1bag/ha 46-0-0 ,1bag/ha.0-0-60 or based on leaf color chart, 35-40 days after transplanting
🟥	100-10-30 L-H-H	0.64	2.0 bags/ha 14-14-14 , 0.7 bag/ha 46-0-0 & 20 bags Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.6 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟥	100-20-30 L-M-H	0.33	3.0 bags/ha 14-14-14, 0.5 bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting

HYBRID DRY

COLOR CODE	FERTILIZER RECOMMENDATION	AREA	BASAL	1st TOP DRESS (7-10 DAT)	2nd TOP DRESS (20-25 DAT)	3rdTOP DRESS (35-40 DAT)
🟩	100-10-0 MH-H-VH	0.24	1.0 bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1 bag/ha 46-0-0 ,1bag/ha.0-0-60 or based on leaf color chart, 35-40 days after transplanting
🟩	100-20-0 MH-M-VH	1	2 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.7bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	120-0-0 ML-VH-VH	6.46	1.6 bags/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	120-10-0 ML-H-VH	36.68	1.0 bags/ha 16-20-0, 1.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	120-20-0 ML-M-VH	38.5	2.0 bags/ha 16-20- 0, 1bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	120-30-0 ML-L-VH	1.6	3.0 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.2 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	120-10-30 ML-H-H	0.95	2.0 bags/ha 14-14-14 , 1.0 bag/ha 46-0-0 & 20 bags Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	120-20-30 ML-M-H	1.82	3.0 bags/ha 14-14-14 , 0.7 bag/ha 46-0-0 & 20 bags/ha. Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	140-0-0 L-VH-VH	1.27	2.0 bags/ha. 46-0-0 & 20 bags/ha. Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	140-10-0 L-H-VH	0.73	1.0 bags/ha 16-20-0, 1.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.2 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	140-20-0 L-M-VH	22.29	1.0 bags/ha 16-20-0, 1.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.2 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	140-10-30 L-H-H	0.64	2.0 bags/ha 14-14-14 , 1.5 bag/ha 46-0-0 & 20 bags Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟥	140-20-30 L-M-H	0.33	3.0 bags/ha 14-14-14, 1bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.2 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟥	140-30-0 L-L-VH	1.53	3.0 bags/ha 14-14-14 , 0.7 bag/ha 46-0-0 & 20 bags/ha. Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.5 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting

INBRED WET

COLOR CODE	FERTILIZER RECOMMENDATION	AREA	BASAL	1st TOP DRESS (7-10 DAT)	2nd TOP DRESS (20-25 DAT)	3rdTOP DRESS (35-40 DAT)
🟩	60-0-0 ML-VH-VH	6.46	1.0 bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	0.5 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.3 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	60-10-0 ML-H-VH	36.68	1.0 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	0.5 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.3 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	60-20-0 ML-M-VH	38.5	2.0 bags/ha 16-20-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	60-30-0 ML-L-VH	1.6	2.0 bags/ha 16-20-0, 1.0 bag/ha 0-18-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	60-10-30 ML-VH-H	1.65	2.0 bags/ha 14-14-14 & 20 bags/ha. Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	60-20-30 ML-M-H	1.82	3.0 bags/ha. 14-14-14 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.3 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-0-0 L-VH-VH	1.27	1.0 bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	80-10-0 L-H-VH	0.73	1.0 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.7 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	80-20-0 L-M-VH	22.29	2.0 bags/ha 16-20-0, 0.3 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	80-10-30 L-H-VH	0.64	2.0 bags/ha 14-14-14 , 0.5 bag/ha 46-0-0 & 20 bags/ha. Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.4 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	80-20-30 L-M-H	0.33	3.0 bags/ha. 14-14-14 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bag/ha 46-0-0, 20-25 days after transplanting & 1.0 bag/ha 0-0-60 at booting stage	0.6 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	80-30-0 L-L-VH	1.53	3.0 bags/ha 16-20-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟥	140-10-0 MH-H-VH	0.24	1.0 bags/ha 16-20-0, 1.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.2 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟥	140-20-0 MH-M-VH	1	1.0 bags/ha 16-20-0, 1.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1 bag/ha 0-0-60 at booting stage	1.2 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting

COLOR CODE	FERTILIZER RECOMMENDATION	AREA	BASAL	1st TOP DRESS (7-10 DAT)	2nd TOP DRESS (20-25 DAT)	3rdTOP DRESS (35-40 DAT)
🟩	60-10-0 MH-H-VH	0.24	1.0bag/ha.16-20-0, 0.5bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.3bag/ha 46-0-0 ,1bag/ha.0-0-60 or based on leaf color chart, 35-40 days after transplanting
🟩	60-20-0 MH-M-VH	1	1.3 bag 46-0-0 & 20 bags/ha. OF	1.0 bag/ha. 21-0-0	1.6 bags/ha.46-0-0 , 1.0 bag/ha 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart
🟩	80-0-0 ML-VH-VH	6.46	1.0 bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-10-0 ML-H-VH	36.68	1.0 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.7 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-20-0 ML-M-VH	38.5	2.0 bags/ha 16-20-0, 0.3 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-30-0 ML-L-VH	1.6	3.0 bags/ha 16-20-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟩	80-10-30 ML-H-H	1.65	2.0 bags/ha 14-14-14 , 0.5 bag/ha 46-0-0 & 20 bags	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.4 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	80-20-30 ML-M-H	1.82	3.0 Bags/ha 14-14-14 & 20 bags/h. Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.6 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟨	100-0-0 L-VH-VH	1.27	1.3 bags/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.6 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	100-10-0 L-H-VH	0.73	1.0 bags/ha 16-20-0, 1.0 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.5 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	100-20-0 L-M-VH	22.29	2.0 bags/ha 16-20-0, 0.5 bag 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.6 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1.0 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟧	100-30-0 L-L-VH	1.53	3bag/ha.16-20-0, 0.3bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	1.7 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	1bag/ha 46-0-0 ,1bag/ha.0-0-60 or based on leaf color chart, 35-40 days after transplanting
🟥	100-10-30 L-H-H	0.64	2.0 bags/ha 14-14-14 , 0.7 bag/ha 46-0-0 & 20 bags Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.6 bag/ha. 46-0-0 or based on leaf color chart, 35-40 days after transplanting
🟥	100-20-30 L-M-H	0.33	3.0 bags/ha 14-14-14, 0.5 bag/ha 46-0-0 & 20 bags/ha Organic Fertilizer	1.0 bag/ha. 21-0-0, 7-10 days after transplanting	2.0 bags/ha. 46-0-0, 20-25 days after transplanting & 1.0 bag/ha. 0-0-60 at booting stage	0.5 bag/ha 46-0-0 or based on leaf color chart, 35-40 days after transplanting

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