



RICE MANAGEMENT PROGRAMM

CATEGORY	TARGET PEST/ DISEASE	TREATMENT	RATE (L/HA)	RATE (mm/20)	TIMING	REMARKS
Plot with weeds	Land preparation	Perennial grasses and broad leaved weeds	Twigasate	2L	200	At land preparation, kills all weeds! Apply when weeds are vigorously growing Apply before ploughing/ harrowing to control perennial weeds
	Seed treatment	Germination booster	Tripton TC	300mls/ 100kg of seed		Apply on seed before planting Stimulates and maximizes germination of seeds and also prevent Zn deficiencies in early stages
Weed control	Pre-emergence	Annual grasses and broad-leaved weeds	Twigamethalin	3-3.5	300	Pre-emergence control of broad leaved and grass weeds Apply within first 3 days of transplanting, keep soil moist during application. Controls both grasses and broad leaved weeds. Mostly considered for the non paddy rice.
	Post-emergence	Annual broad leaved Weeds	Twiga 2-4D	2.2	300	Post-Emergence control of weeds in rice field Apply 14-21 days after planting controls broad leaved weeds
 	Disease control	Rice Blast/ Brown spots	Kabedazim	1	20	Nursery development / Early crop development / vegetative stage Early attack may lead to total crop loss/death Spray when the attack is eminent due to weather conditions. 2 sprays recommended at 14 days interval
		Sheath blight	Twiga Epox	0.5-0.75	30	Flowering & the panicle formation stage /seed development stages. Rice blast attack the panicle before milking stage leads to empty grains. Attack after milking stage leads to half filled grains. Spray when the attack is eminent due to weather conditions
		Cutworms/aphids/stem borers	Duduthrin	1	50	Early crop establishment /post transplanting The pests occur in early crop development leading to many gaps in field Can lead to dead hearts in the early crop development
 	Insect pests	Bollworms/ stem borers/aphids	Duduthrin	1	50	Insect pest control in all stages of rice growing Bollworms feeds inside the stem to cause dead hearts. Aphids feeds on flowers to cause white heads (empty panicles) Duduthrin has high Knock down effect thus fast control of the insect/pests
			Twiga ace	0.3	10	
Nutrition	Biostimulant	Stress reliever Growth Promoter	Vigo or Codamin Radicular	2-3	30	- Tank mixed with fungicides /insecticides - Applied at beginning of vegetative, pre-flowering and fruit setting -Reduces crop stressing conditions under disease and insect infestation -Stimulates roots formation -Increase crop yield by 15%
	Fertilizers	Nutrition Supplement	Rosazol P	2.5	50	Immediately after crop take off from transplanting (10-14 days after transplanting) Phosphorus is critical in establishment of a strong root system, Promote tillering, early flowering and maturity
			Rosazol Even/N	2.5	50	Vegetative stage /booting stages Provides Crucial nutrients needed during vegetative phase/ grain filling stage
			Solubor	2.5	50	Pre -Flowering /booting stage Leaf elongation / seed setting
			Coda Zn-L	2-3	50	Apply to the nursery beds 7-8 days before pulling seedlings or as foliar spray after transplanting. Apply to improve crop vigour, colour and chlorophyll formation
			Coda Cu-L	3.0	30	Copper foliar spray are effective in pre-flowering for pollen development (till the 6 leaves stage). Copper is very crucial at this stage -Stimulates protein formulation - Enhances Nitrogen utilization - Activates several enzymes - Important for lignification of cell walls

Agral 90 to be incorporated in every spray @ 5ml /20L of water

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Reliability & Value



50ml/
20 Litre



50ml/
20 Litre



300mls/
100kg
of seed



50gm/
20 Litre



200ml/
20 Litre



20ml/
20 Litre

