

NK 5231 - Rabi

Nursery Management	Soaked seeds for 8-10 hour, incubate for 24-36 hour. Sown sprouted seeds on raised bed for nursery bed. 360 Sq.M nursery area for 1 Acre transplanting.				
Transplanting of field/Land Preparation practices:	Well puddled level field for transplanting. Transplant the nursery of 25 days in main field. Transplant 1 seedlings per hill at 2 to 3 cm depth with low pressure. Transplant 33 - 35 hills/sqm.				
Fertilizer dose/acre with timing:	For higher economic yield of rice, application of FYM 10 T/Ha 10-15 days prior to sowing, supplemented with below schedule.				
	Crop Age DAT (Days After Transplanting)	Basal (0 DAT)	15-20 DAT	40-45 DAT (Maximm Tillring)	65-70 DAT (Panicle Intiation)
Fertilizer dose Kg/Acre	DAP – 50 MOP – 20 ZnSO4 – 10	Urea – 25 Sulphur - 2	Urea – 35	Urea – 35 MOP – 20	
Weed Control – chemicals with doses & timings:	Application of pre emergent herbicide : Apply Rifit Plus (Pretilachlor) 0-3 days after transplanting, in 3-4 cm standing water @ 600 ml/ Acre. Application of pre emergent herbicide : Apply Bispyribac Sodium - 80 ml/Acre 15-20 days after transplanting or 2-3 leaf weed stage.				
Disease & pest control – chemicals with doses & timing:	Insect/ Disease	Stem Borer/ Leaf Folder	BPH/WBP H	Dirty Panicle	False Smut
	Dose/ Acre	Virtako- 15-20 DAT- 3Kg Ampligo 45-60 DAT-100 ml	Chess- @ PT stage- 120 gm	Glo-it- 150 ml	CoC- 300 gm@ PI & Propiconazole @ booting stage
Irrigation Schedule: Critical Stages	First irrigation:	Transplanting Stage:	0 DAT		
	Second irrigation:	Tillering Stage:	25-30 DAT		
	Third irrigation:	Flowering (Emergence) Stage:	60-70 DAT		
	Fourth irrigation:	Milking Stage:	100-110 DAT		
Harvesting:	When 80% Panicle turned yellow –drain out water from the field. Wait for 100% Panicle turned yellow and start harvesting and moisture % remained 20% complete harvesting. Keep harvested lots for drying 72 hr before threshing up to 12% grain moisture.				
Expected Yield:	Average: 30-32 Quintal/Acre.				
Disclaimer : "The explained hybrid characters are indicative. As a result of varied soil type, water, weather conditions and crop rotation, the yield may vary. As method of seed sowing and usage is not in our control, hence, only seed quality can be ensured"					