



Utkarsh Integrated fertilizer management in *CASTOR*

FERTILIZER & SPRAY PROGRAM FOR 1 ACRE

Stage of Crop	Fertilizer application method	Time for Use	Name of Products	Quantity in kg/litre
BEFORE AND AT THE TIME OF SOWING	Seed Treatment	Before sowing	Tricho z -P	10 gm/ 1kg seed
			VAMoz - P	2 ml/ 1 kg seed
	Basal Dose	1-2 day before sowing	Compost	6-7 tons/acre
			DAP/SSP	50 kg/150 kg
			MOP	25 kg
GROWTH STAGE - INITIAL	Spraying	15 to 20 DAS	19:19:19	7 gm/litre
			Stress Free	1 ml/litre
			Shield	4 ml/litre
	By Drip or drenching	35 DAS	Roots Multiplier	1 litre

			Horse Power	10 litres		
			Stress Free	1 litre		
			Soil Application	40 DAS	Urea	25 kg
					MOP	25 kg
					Combi Soil	10 kg
			Spraying	45 DAS	19:19:19	7 gm/litre
Stress Free	1 ml/litre					
FLOWERING STAGE	Soil application	60 DAS	Urea	50 kg		
			MOP	50 kg		
			Huminoz-98	900 gm		
	Spraying	60 DAS	0:52:34	7 gm/litre		
			Horse power	15 ml/litre		
	Spraying	80 DAS	F -Plus	0.7 ml/litre		
Horse power			15 ml/litre			
FRUITING STAGE	Spraying	100 DAS	F- Enhancer	3 gm/litre		
			Bhim	2 ml/litre		
	Spraying	130 days	Boronated CAN	5-8 gm/litre		
			Bhim	2 ml/litre		
			13.0.45	7 gm/litre		

Disease and Pest Management

Insect/Pest observation	Spray	Product Name	Dose
Spodoptera Litura	Tarp and Lure	Oriental Leaf Worm Lure with Funnel Trap	6-7 trap/Acre
Aphid/Jassids/White fly	Spray	Beveroz + Verticoz	7-10gm/Liter each
Thrips	Spray	Thripoz	2-3 ml/liter
Capsule & Shoot borer	Spray	Beveroz + Neemoz	7gram + 4 ml/litter
Castor semi looper	Spray	Beveroz	7-10 gram /Liter

Slug caterpillar	Spray	Beveroz	7-10 gram /Liter
Hairy caterpillar	Spray	Beveroz	7-10 gram /Liter
Castor butterfly/spiny caterpillar	Spray	Beveroz	7-10 gram /Liter
Wooly bear	Spray	Beveroz	7-10 gram /Liter
Seedling blight	Spray	MildewNil	0.5 ml/ Liter
Alternaria blight	Spray	MildewNil	0.5 ml/ Liter
Cercospora leaf spot	Spray	MildewNil	0.5 ml/ Liter
Powdery mildew	Spray	MildewNIL	0.5ml/Liter
Wilt	Drenching	Tricho-P + Trichoherz-P	3 Liter/ Acre each

For more details, contact:

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