



UTKARSH Integrated fertilizer management in MUSTARD

FERTILIZER & SPRAY PROGRAM FOR 1 ACRE

Stage of crop	Fertilizer application method	Time for use	Name of products	Quantity in kg/liter
Before sowing	Soil application	Basal dose	FYM	3-5 t/acre
			Gypsum	100 kg
			SSP	50-75 kg/acre
			Urea	50 kg/acre
			MOP	10 kg/acre
			Sulphur 90% WG	4 kg/acre
Seed treatment		At sowing	Microbes/ Trichoz	3 gm/kg seed
After germination	Drenching or with water	5 leaves stage	Microbes	1 kg
			Vamoz P	3 kg
	Drenching or with water	After 15 days	Horse Power	8 litre
			Roots Multiplier	1 litre

			Stress free	1 litre
	Top dressing	After 30 day	Ammonium Sulphate	25 kg/acre
Stem elongation	Spray	At 30-40 days	19:19:19	7 gm/litre
			Stress Free	2 ml/litre
Inflorescence emergence	Spray	At 50-60 days	Horse power	15 ml/litre
			Marvel	1 ml/litre
Flowering stage	Spray	At 60-70 day	Horse power	15 ml/litre
			Stress free	2 ml/litre
Fruit development	Spray	70-80 days	13:00:45	7 gm/litre
			Bhim	2 ml/litre
Insects observed	Spray	Bihar hairy caterpillar	Beveroz + Neemoz	7-10 gm + 4 ml/liter
		Mustard Aphid	Beveroz + Verticoz	7-10 gm/liter
		Painted bug	Beveroz + Verticoz	7-10 gm/liter
		Saw fly	Beveroz + Verticoz	7-10 gm/liter
		Diamondback moth	Beveroz + Neemoz	7-10 gm + 4 ml/litre
		Leaf miner	Neemoz	4 ml/litre
		Cabbage head borer	Beveroz + Neemoz	7-10 gm + 4 ml/litre
		Larger moth (leaf Webber)	Beveroz + Neemoz	7-10 gm + 4 ml/litre
Disease Observed	Drenching	Sclerotinia stem rot	TrichoZ + Trichoherz	7-10 gm/liter each
	Spray	Alternaria Black Spot	Leaf spot Nil	0.5ml/litre
		White rust	Leafspot Nil	0.5ml/litre
		Downey mildew	MildewNIL	0.5ml/litre
		Powdery mildew	MildewNIL	0.5ml/litre

		Bacterial blight	MildewNIL	0.5ml/litre
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For more details, contact:

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