



UTKARSH Integrated fertilizer management in TURMERIC

FERTIGATION & 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 PLANTATION – PLANTING TO ESTABLISHMENT STAGE	Seed Treatment	Before plantation	Microbes	5 gm/litre
			VAMoz- P	3 gm/litre
	Basal Dose	Sowing day	Compost	10 tons/acre
			DAP/SSP	50 kg/150 kg
			MOP	25 kg
			Combi - Soil	10 kg/acre
	Spraying	30 days	Mulching Material	2-3 tons
			19:19:19	3 kg
			Stress Free	250 ML
			MildewNIL	100 ml
VEGETATIVE GROWTH STAGE	By Drip or drenching	35 days	Roots Multiplier	2 litre
			Horse Power	15 litre
			Stress Free	2 litres
	Soil Application	45-50 days	Urea	25 kg
			MOP	25 kg

			Mulching material	2-3 MT
	Spraying	60 days	Combi- 2	2 gm/litre
			Stress Free	2 ml/litre
RHIZOME INITIATION STAGE 80-135 DAP	Soil application	80 DAP	Urea	30 kg
			MOP	50 kg
			Mulching Material	2-3 MT
	Drenching/Drip Irrigation	90 days	Microbes	2 kg
			Tricho + Trichoherz	1 Kg
			Vamoz-P	1 kg
Spraying	100 days	Combi- 2	2 gm/litre	
		Stress Free	2 ml/litre	
RHIZOME MATURITY STAGE 135-270 DAP	Soil application	140 DAP	Urea	30 kg
			MOP	50 kg
	Drenching/Drip Irrigation	150 days	Microbes	2 kg
			Tricho + Trichoherz	1 Kg
			Vamoz – P	1 kg
INSECTS OBSERVED	Spraying	Rhizome scale, Thrips, Lace wing bug, Bihari hairy caterpillar, Rhizome fly,	Beveroz -P + Verticoz - P	7-10 gm/Liter each
	Spraying	Shoot Borer, Leaf Roller/Skipper,	Beveroz -P + Neemoz CP/Neemoz Gold	7-10 gm+ 4 ml/ 1-2 ml/litre
	Drenching/Drip Irrigation	White Grub	Metarhoz -P + Beveroz -P	7-10 gm/Liter each
	Drenching/Drip Irrigation	Root Knot, burrowing and lesion Nematodes	Nematoz -P/ Trichoherz	2 kg/acre
DISEASES OBSERVED	Drenching/Drip Irrigation	Soft Rot/Tuber Rot	Tricho -P + Trichoherz -P	1 Kg
	Spraying	Anthraco nose	Cumacin	10 ml/15 liter

Diseases and Insect Management

Method of application	Disease/ Insect	Product Name	Dose
Drenching	Rhizome scale	Metarhoz -P+ Beveroz -P	7-10 gm/ Liter each

Spray	Thrips	Beveroz -P + Verticoz P	7-10 gm/ Liter each
	Leaf roller/skipper	Neemoz CP	4 ml/litre
	Lace wing bug	Beveroz -P	7-10 gm/liter
	Rhizome fly	Beveroz -P + Verticoz P	7-10 gm/ Liter each
	Bihar hairy caterpillar	Beveroz -P	7-10 gm/liter
Drenching	Rhizome rot	TrichoZ -P + Trichoherz - P	7-10 gm/ Liter each
Spray	Leaf spot	Cumacin	10 ml/liter
	Leaf blight	Cumacin	10 ml/liter
	Leaf blotch	Cumacin	10 ml/liter
Drenching	Dry rot	TrichoZ -P + Trichoherz - P	7-10 gm/ Liter each
	Bacterial wilt	MildewNil	0.5 ml/liter

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