



UTKARSH Integrated fertilizer management in TOBACCO

FERTIGATION & SPRAY PROGRAM FOR 1 ACRE

Stage of crop	Fertilizer application method	Time for use	Name of products	Quantity in kg/litre
Before sowing	Soil application	Basal dose	FYM	6-7 t/acre
			Urea	35 kg/acre
			DAP	20 kg/acre
			MOP	20 kg/acre
Seed treatment		At sowing	Microbes	3 gm/kg
After germination	Drenching	5 leaves stage	Microbes	1 kg/acre
			Vamoz P	3 kg/acre
	Drenching	After 20 days of germination	Horse Power	7 litre/acre
			Roots Multiplier	1 litre/acre
			Stress free	1 litre/acre
Leafy growth	Spray	After 25 days of germination	19:19:19	7 gm/litre
			Stress free	2 ml/litre
		After 35 days of germination	Combi - 2	2 gm/litre
			Stress free	2 ml/litre
Leaf Expansion stage	Spray	After 55-60 days of germination	Bhim	5 ml/litre
			F-enhancer	2 ml/litre
			13:00:45	7 gm/litre
	Spray		Bhim	1 ml/litre

		After 60-80 days of germination	F-enhancer	2 ml/litre
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Disease and Insect management

Method of application	Disease and Insect	Product Name	Dose
Spray	Tobacco caterpillar	Beveroz + Nemoz	7-10 gm + 4 ml/liter
	Stem borer	Beveroz + Nemoz	7-10 gm + 4 ml/liter
	Whitefly	Beveroz + Verticoz	7-10 gm /liter each
	Aphid	Beveroz + Verticoz	7-10 gm /liter each
Drenching	Root knot Nematodes	Nematoz -P	2 kg/ Acre
	Damping off	TrichoZ + Trichoherz	7-10 gm /liter EACH
Spray	Frog eye leaf spot	LeafspotNIL	0.5/ liter
	Leaf blight / black shank	LeafspotNIL	0.5/ liter
	Anthracnose	LeafspotNIL	0.5/ liter
Drenching	Fusarium wilt	TrichoZ + Trichoherz	7-10 gm /liter each
Spray	Brown spot	Cumacin	10 ml/ 15 liter
	Tobacco mosaic disease	Beveroz + Viroz/Virimune	7-10 gm +2-3 ml/liter
	Tobacco ring spot disease	Beveroz + Viroz/Virimune	7-10 gm +2-3 ml/liter
	Tobacco leaf curl disease	Beveroz + Viroz/Virimune	7-10 gm +2-3 ml/liter

For more details, contact:

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