



UTKARSH Integrated fertilizer management in *CHILLI for 1 Acre*

FERTIGATION SCHEDULE

Stage of plant	Days after transplantation	Grade/product	By drip quantity in kg/Acre
Basal Dose - Soil application	Before sowing	DAP	50 kg
		MOP	25 kg
		Huminoz -98	900 gm
Vegetative growth stage	5 days after transplantation	Roots Multiplier	2 Liter
		Stress free	1 Liter
	6-12 days	19-19-19	3 kg
		Urea	8 kg
	13 th day	Microbes	2 kg
		VAMoz – S	100 gm
	14-19 days	19-19-19	3 kg
		Urea	8 kg
	20-25 days	19-19-19	3 kg
Urea		8 kg	
Flowering and Fruit setting stage	26-30 days	Horse Power	6 kg
		Stress free	1 Liter
	31 st day	Magnesium sulphate + 12-61-00	15 kg + 3 kg
	32 – 36 days	Urea	3 kg

	37 th day	F- Enhancer	3 kg
	38 – 42 days	Horse Power	6 Liter
		Stress free	1 Liter
	43 rd days	12-61-00	3 Kg
	44-50 days	Calcium Nitrate	5 kg
		13-0-45	3 kg
Fruit setting and fruit maturity and quality stage	51-54 days	13-0-45	3 kg
		0-52-34	3 kg
	55 th day	Combi -2	2 kg
		Beshape	0.25 kg
	56-60 days	Horse power	6 Liter
		Stress Free	1 liter
	60 th day	Calcium nitrate	7 kg
		Bhim	1 Liter
	61 days	0-52-34	3 kg
		13-0-45	3 kg
	62-66 day	Magnesium Sulphate	5 kg
	67-73 days	Horse power	6 liter
		Stress Free	1 Liter
		F- Enhancer	3 kg
	75 th day	Calcium nitrate	5 kg
		Bhim	1 liter
	73- 80 days	0-52-34	3 kg
		13-0-45	3 kg
	81 – 90 days	13-0-45	3 kg
		Combi-2	1 kg
91 st day	Calcium Nitrate	5 kg	
	Bhim	1 liter	
92 – 100 days	Magnesium Sulphate	7 kg	
100 – 110 days	0-0-50	10	

UTKARSH - SPRAY SCHEDULE FOR CHILLI

Days after germination	Grade/product	Spray-In 15 litre water gm/ml	Spray-In 200 litre water kg/litre
15th day Spray	19:19:19	75 gm	3 kg
	Stress Free	50 ml	0.6 liter
	Thripoz	30 ml	0.4 Liter
30th Day Spray	19:19:19	75 gm	3 kg
	Stress Free	50 ml	0.6 liter
	Beveroz + Verticoz	150 each	1-3 each
45th day spray	Panther	40 ml	0.5 Liter
	F Plus	8ml	100 ml
	Combi-2	40 gm	1 kg
	Shield	30 ml	0.5 Liter
	Trichoz – P + Trichoherz -P	100-150 each	100-150 each
60th day spray	13-0-45	75 gm	3 kg
	F- Enhancer	30 ml	2 kg
	Beveroz + Verticoz	100-150 each	1-3 each
	Viroz	45 ml	0.6 Liter
75th day spray	0-0-50	80	1
	Combi – 2	40	0.5
	Trichoz -P + Trichoherz -P	100-150 each	100-150 each
	Viroz	45 ml	0.6 Liter
90th day spray	0-0-50	75 gm	3 gm
	F- Enhancer	30 ml	2 kg
	Bhim	30 ml	0.5 liter
105th day spray	0-0-50	80	1
	Bhim	30	0.5
	Combi 2	30	0.4

Diseases and Pest Control

Method of application	Diseases and pest	Product name	Dose
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		Cotton Bollworm Lure with Funnel Trap	
Trap/ Lure	Gram caterpillar		6-7/ acre
Sticky trap	Aphid/Jassid/White fly	Yellow sticky trap	7-20/Acre
Sticky trap	Thrips	Blue Sticky Trap	7-20/Acre
Drenching	Damping off	Tricho -P + Trichoherz -P	7-10 gm/liter each
Spray	Chilli Thrips	Thripoz or Beveroz + Verticoz	3 ml/liter or 7-10 gm per Liter
	Green peach Aphid	Beveroz + Verticoz	7-10 gm/liter each
	Spodoptera / Gram caterpillar	Beveroz	7-10 gm/liter
	Yellow Mites	Shield + Neemoz	4 ml /liter each
	Whitefly	Beveroz + Verticoz	7-10 gm/liter each
Drenching	Root knot Nematodes	Nematoz- p / Trichoherz	4 kg /3 kg/acre
Spray	Anthracnose/Cercospora Leaf Spot/Bacterial Leaf Spot/ Alternaria Leaf Spot	MildewNil	0.5 ml/ liter
	Choeanephora Blight	MildewNil	0.5 ml/ liter
	Powdery Mildew	MildewNIL	0.5 ml/litre
Drenching	Fusarium wilt	Tricho -P + Trichoherz -P	7-10 gm liter
Spray	Yellow mosaic Virus	Beveroz- P+ Viroz	7-10 g+ 4/liter
	Leaf curl virus	Thripoz +Viroz	3 + 4 ml/liter

For more details, contact:

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