



UTKARSH Integrated fertilizer management in

Watermelon/melon

for 1 Acre

FERTIGATION SCHEDULE for 90 day varieties

Stage of plant	Days after germination	Grade/product	By drip quantity in kg/litre
Basal Dose - Soil application	Before sowing	DAP	50 kg
		MOP	25 kg
		Huminoz -98	900 gm
Growth stage after germination	5 days	Roots Multiplier	2 Litre
	6 days	Stress Free	2 Litre
	7-14 days	12-61-00	3 kg
		Urea	10 kg
		Potash (MOP)	5 kg

	15 th day	Microbes	2 kg	
	17-21 days	Horse Power	3 Litre	
		Urea	10 kg	
		Potash (MOP)	3 kg	
	22-28 days	12-61-00	3 kg	
		Urea	10 kg	
		Potash (MOP)	5 kg	
	29-35 days	Horse power	4 Litre	
		Urea	12 kg	
		Potash (MOP)	5 kg	
	Flowering and fruiting stage	35 th day	Microbes	2 kg
		38-43 days	12-61-00	7 kg
13-0-45			2 kg	
44-49 days		Horse Power	7 Litre	
50-56 days		12-61-00	8 kg	
	13-0-45	3 kg		
flower setting and fruit development stage	55th day	Boronated CAN	4 kg	
		Stress Free	1 Litre	
	57-61 days	0-52-34	8 kg	
	62nd day	calcium nitrate	10 kg	
		Release	2 Litre	
	63-67 day	Horse Power	8 Litre	
		Magnesium Sulphate	5 kg	
68-72	13-0-45	8 kg		
73-77 day	13-0-45	8 kg		
Fruit size and quality development stage	78th day	Roots Multiplier	2 Litre	
	78-82 day	0-0-50	8 kg	
		Magnesium Sulphate	5 kg	
	83-86 day	0-0-50	8 kg	
	87-90 day	0-0-50	8 kg	

UTKARSH - SPRAY SCHEDULE FOR WATERMELON AND MELON

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	1 L
	Shield	50 ml	600 ml
	Viroz	45 ml	500 ml
25th Day Spray	19:19:19	75 gm	3 kg
	Stress Free	50 ml	0.6
	Beveroz -P + Verticoz -P	100-150 gm/ liter each	1-3 kg / acre
36th day spray	Boronated CAN	75 gm	4 kg
	Combi - 2	40gm	1 kg
	Viroz	45 ml	500 ml
45th day spray	0-52-34	75 gm	3 kg
	Double combi	40gm	1 kg
	Beshape	30 gm	500 gm
	Beveroz + Verticoz	100-150 gm/ liter each	1-3 kg/acre each
60th day spray	13-0-45	75 gm	3 kg
	calcium nitrate	50 gm	5 kg
	Beshape	30 gm	4 kg
70th day spray	0-0-50	75 gm	3 kg
	Combi - 2	40gm	1 kg
80th day spray	0-0-50	75 gm	3 kg
	Stress Free	50 ml	1 L

Disease and Insect Management

Method of application	Disease/ Insect	Product Name	Dose
Spray	Red pumpkin beetle	Beveroz + Neemoz	7-10 gm +4 ml/liter
Traps/Lure	Fruit flies	Melon Fly Q Lure with glass trap	5-15 nos/acre
Spray	White flies	Beveroz + Verticoz	7-10 gm /liter each
	Leaf eating Caterpillar	Beveroz + Neemoz	7-10 gm +4 ml/liter
	Thrips / Aphid	Beveroz + Verticoz	7-10 gm /liter each
	Serpentine leaf miner	Neemoz	4 ml/liter
	Red spider mite	Shield	2.5 - 4 ml/liter
Drenching	Root knot nematodes	Nematoz -P	2 kg/acre
Spray	Powdery mildew	MildewNIL	0.5ml/liter
	Downy mildew	MildewNIL	0.5ml/liter
	Anthracnose	LeafspotNIL	0.5ml/liter
	Alternaria leaf spot	LeafspotNIL	0.5ml/liter
Drenching	Fusarium wilt	Tricho -P + Trichoherz -P	7-10 gm /liter each

Spray	Bud necrosis	Beveroz + Viroz	Beveroz -P + Viroz
	Watermelon mosaic	Beveroz + Viroz	Beveroz -P + Viroz

For more details, contact:

Utkarsh Agrochem Pvt Ltd

177-179, Golden Plaza, Behind Kamrej Police Station,
NH No.8, Taluka: Kamrej, District: Surat – 394185

www.utkarshagro.com

75678 33044

9824133044