



UTKARSH Fertigation schedule for 1 acre POTATO plantation

Stage of crop	Days after germination	Grade	Quantity in kg/liter
Basal	Before sowing	DAP	50kg
		Huminoz -98	20kg
		MOP	40kg
		Magnesium sulphate	30kg
		Urea	40kg
		Organic Manure	minimum 500 kg
6 days after initiation of leaf	6	19:19:19	3kg
		Panther	1.5Litre
	8	19:19:19	3kg
		Urea	4kg
	10	Microbes	3kg
	12	Horse Power	3Litre
	14	ZinGap	1kg
	14	Mandate	2kg
14	Roots Multiplier	3Litre	
after 2nd dose planting	16	0:52:34	3kg
	18	Combi -2	0.25kg
	20	0:52:34	3kg
	22	Combi -2	0.25kg
	24	0:52:34	3kg
after ridging and hilling for quality tuber	26	Calcium nitrate	5kg
		Beshape	1 kg

	28	Horse Power	3.5Litre
		Urea	7kg
Canopy development and initiation of tuber hook stage	30	Combi - 2	0.2kg
		13:00:45	3kg
	32	Calcium nitrate	7kg
		Beshape	1 kg
	34	12:61:00	3kg
		Urea	7kg
	36	Combi - 2	0.2kg
		13:00:45	3kg
	38	Calcium nitrate	5kg
		Beshape	1 kg
	40	12:61:00	3kg
		Urea	7kg
42	Combi - 2	0.2kg	
	0:00:50	7kg	
tuber initiation and development of quality tubers	44	Calcium nitrate	3.5kg
		Beshape	0.35kg
	46	Magnesium nitrate	3kg
		ZinGap	2kg
		Mandate	2kg
	48	Calcium nitrate	3.5kg
		Beshape	0.35kg
	50	Magnesium nitrate	3kg
		ZinGap	2kg
		Mandate	2kg
	52	Calcium nitrate	3.5kg
		Beshape	0.35
Tuber Bulking	54	0:00:50	3kg
		magnesium sulphate	2kg
	56	Calcium nitrate	3kg
	58	0:00:50	3kg
	60	magnesium sulphate	2kg
		Calcium nitrate	3kg

Disease and Insect Management

Method of application	Disease/ Insect	Product Name	Dose
Spray	Aphids	Beveroz + Verticoz	7-10 gm / Liter each
	Leaf Miner	Neemoz	4 ml/liter
Trap + Lure	Leaf Miner	Tomato Leaf Miner Lure + Funnel trap	5-20/acre
Spray	White flies	Beveroz + Verticoz	7-10 gm / Liter each
	Spider mites	Shield	2.5ml to 4 ml/liter
	Thrips	Beveroz + Verticoz	7-10 gm / Liter each
	Leaf hopper	Neemoz	4 ml/liter
	Potato tuber moth	Metarhoz	7-10 gm / Liter
	Potato cutworm	Metarhoz	7-10 gm / Liter each
	Leaf eating caterpillar	Beveroz + Neemoz	7-10 gm/liter+ 4 ml /Liter
	Septoria Leaf spot	LeafspotNIL	0.5ml/liter
	Late Blight	LeafspotNIL	0.5ml/liter
	Bacterial wilt	LeafspotNIL	0.5ml/liter
	Early blight	LeafspotNIL	0.5ml/liter
	Common scab	LeafspotNIL	0.5ml/liter
	Black scurf	LeafspotNIL	0.5ml/liter
	canker	LeafspotNIL	0.5ml/liter
Viral diseases	Beveroz + Viroz	7-10 gm + 4 ml/liter	
Drenching	Black leg and soft rot	Tricho + Trichoherz	7-10 gm / Liter each
	Pink rot	Tricho + Trichoherz	7-10 gm / Liter each
	Black heart-disorder	Tricho + Trichoherz	7-10 gm / Liter each

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