



UTKARSH Integrated fertilizer management in

BRINJAL – EGG PLANT

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	50Kg
		MOP	25kg
		Huminoz -98	900 gm
Sowing to plant establishment stage	5 days after germination	Roots Multiplier	2Liter
		Stress free	1Liter
	6-16 days	19-19-19	4kg
		Combi 2	1kg
17-20 days	Horse Power	6 Liter	
	Stress free	1 Liter	

Flower initiation to flowering stage	21-25 days	12-61-00	4 Kg
		Urea	3 kg
	26-30 days	Horsepower	6 Liter
		Stress free	1 Liter
	31 st day	Magnesium sulphate + 12-61-00	15 Kg + 4 kg
32 – 45 days	13-0-45	4 kg	
Flowering to fruit set	46 -60 days	0-52-34	4 kg
		Combi -2	1.5 kg
Every 10-14 days (after every 5 harvests) Give alternatively	Soil application	12-32-16	25 kg
	Drip Application or Drenching	0-52-34	4 kg
		Combi -2	1.5 kg
	OR		
	Soil application	DAP	10 kg
		Urea	5 kg
		MOP	10 kg
	Drip Application or Drenching	Horse Power	6 kg
Stress free		1 kg	

UTKARSH - SPRAY SCHEDULE FOR BRINJAL – EGG PLANT

Days after germination	Grade/product	Spray-In 15 litre water gm/ml	Spray-In 200 litre water kg/Acre
10th day Spray	19:19:19	75 gm	3 kg
	Stress Free	15 ml	0.2 Liter
20th Day Spray	Neemoz	30 ml	0.4 Liter
	19:19:19	75 gm	3 Kg
	Stress Free	15 ml	0.2 Liter
30th day spray	Panther	40 ml	0.5 Liter
	Marvel	15 ml	0.2 Liter
40th day spray	Panther	40 ml	0.5 Liter
	Marvel	15 ml	0.2 Liter
	Beveroz + Verticoz	150 gm	3 kg
50th day spray	Neemoz	30 ml	0.4 Liter
	0-52-34	75 gm	3 kg
	Combi – 2	40 gm	0.5 liter
60th day spray	Shield	40 ml	0.5 Liter
	13-0-45	75 gm	3 kg

	F -Enhancer	45 gm	2 kg
70th day spray	0-52-34	75 gm	3 kg
	Combi 2	40 gm	1 kg
80th day spray	0-0-50	75 gm	3 kg
	F -Enhancer	45 gm	2 kg
90th day spray	0-0-50	80	1
	Combi 2	40 gm	1 kg

Disease and Insect Management

Disease and Pest Observation	Method of application	Product Name	Dose
Shoot and fruit borer	Spray	Beveroz -P + Neemoz cp	7-10 gm + 4 ml/liter
Stem borer	Trap/Lure	Egg Plant Borer Lure and Funnel Trap	5-20 Lure/ acre
Ash weevils	Spray	Beveroz + Verticoz	7-10 gm / liter
Brown leaf hopper	Spray	Neemoz	4 ml/liter
Lace wing bug	Spray	Neemoz	4 ml/liter
Brinjal leaf roller	Spray	Beveroz + Neemoz	7-10 gm +4 ml/liter
Aphids	Spray	Beveroz + Verticoz	7-10 gm / liter
White fly	Spray	Beveroz + Verticoz	7-10 gm / liter
Mealy bug	Spray	Beveroz + Verticoz + Spread Well	7-10 gm + 1ml/ liter
Red spider mite	Spray	Shield +Neemoz	2.5 ml + 4 ml/liter
Bacterial wilt	Drenching	MildewNli	0.5 ml/Liter
Cercospora Leaf Spot	Spray	MildewNli	0.5 ml/Liter
Alternaria leaf Spot	Spray	MildewNli	0.5 ml/Liter
Little Leaf of Brinjal	Spray	Beveroz + Viroz	7-10 gm + 4 ml/liter
Damping off	Drenching	Trichoz -P + Trichoherz -P	1-3 kg/ Acre
Collar rot	Drenching	Trichoz -P + Trichoherz -P	1-3 kg/ Acre
Fruit rot	Drenching	Trichoz -P + Trichoherz -P	1-3 kg/ Acre
Nematodes	Drenching	Nematoz-P	4 kg/acre

For more details, contact:

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