



## 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
<b>Basal Dose - Soil application</b>	Before sowing	DAP	50Kg
		MOP	25kg
		Huminoz -98	900 gm
<b>Sowing to plant establishment stage</b>	5 days after germination	Roots Multiplier	2Liter
		Stress free	1Liter
	6-16 days	19-19-19	4kg
		Combi 2	1kg
<b>Flower initiation to flowering stage</b>	17-20 days	Horse Power	6 Liter
		Stress free	1 Liter
	21-25 days	12-61-00	4 Kg
		Urea	3 kg
	26-30 days	Horsepower	6 Liter
		Stress free	1 Liter
	31 <sup>st</sup> day	Magnesium sulphate + 12-61-00	15 Kg + 4 kg
32 – 45 days	13-0-45	4 kg	

<b>Flowering to fruit set</b>	46 -60 days	<b>0-52-34</b>	4 kg
		<b>Combi -2</b>	1.5 kg
<b>Every 10-14 days (after every 5 harvests) Give alternatively</b>	Soil application	12-32-16	25 kg
	Drip Application or Drenching	<b>0-52-34</b>	4 kg
		<b>Combi -2</b>	1.5 kg
	OR		
	Soil application	DAP	10 kg
		Urea	5 kg
		MOP	10 kg
	Drip Application or Drenching	<b>Horse Power</b>	6 kg
<b>Stress free</b>		1 kg	

### UTKARSH - SPRAY SCHEDULE FOR BRINJAL – EGG PLANT

<b>Days after germination</b>	<b>Grade/product</b>	<b>Spray-In 15 litre water gm/ml</b>	<b>Spray-In 200 litre water kg/Acre</b>
<b>10th day Spray</b>	<b>19:19:19</b>	75 gm	3 kg
	<b>Stress Free</b>	15 ml	0.2 Liter
<b>20th Day Spray</b>	<b>Neemoz</b>	30 ml	0.4 Liter
	<b>19:19:19</b>	75 gm	3 Kg
	<b>Stress Free</b>	15 ml	0.2 Liter
<b>30th day spray</b>	<b>Panther</b>	40 ml	0.5 Liter
	<b>Marvel</b>	15 ml	0.2 Liter
<b>40th day spray</b>	<b>Panther</b>	40 ml	0.5 Liter
	<b>Marvel</b>	15 ml	0.2 Liter
	<b>Beveroz + Verticoz</b>	150 gm	3 kg
<b>50th day spray</b>	<b>Neemoz</b>	30 ml	0.4 Liter
	<b>0-52-34</b>	75 gm	3 kg
	<b>Combi – 2</b>	40 gm	0.5 liter
<b>60th day spray</b>	<b>Shield</b>	40 ml	0.5 Liter
	<b>13-0-45</b>	75 gm	3 kg
	<b>F -Enhancer</b>	45 gm	2 kg
<b>70th day spray</b>	<b>0-52-34</b>	75 gm	3 kg
	<b>Combi 2</b>	40 gm	1 kg
<b>80th day spray</b>	<b>0-0-50</b>	75 gm	3 kg
	<b>F -Enhancer</b>	45 gm	2 kg
<b>90th day spray</b>	<b>0-0-50</b>	80	1
	<b>Combi 2</b>	40 gm	1 kg

## Disease and Insect Management

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

For more details, contact:

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