



# Harit Sanjivani Crop Schedule

## Crop: Eggplant (Brinjal)

Sowing time: kharif season July to August, Rabbi season January to February, Duration of harvest: 150 to 210 days

### How to apply Harit Sanjivani Products

**Brinjal Nursery – For 1000 sq.ft. nursery apply in soil Garden Gold 500 gm 10 pouches**

**At the time of transplanting: While transplanting Prepare a solution of Defend 3 gm + Spray Max-85 1 ml per liter and plant roots immerse in it and transplant or after transplanting drenching it.**







Harit Sanjivani Products	Time and Methods of Application
<b>Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm</b> (Per acre)	While planting brinjal or after transplanting up to 30 days apply in soil by mixing with any chemical fertilizer or organic manure or in 40 to 50 kg dry soil or through drip irrigation or drenching.
<b>Harit Sanjivani Stage 2 + Spray Max-85 1 ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in 15 to 25 days after transplanting. (Vegetative growth stage) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases
<b>Harit Sanjivani Stage 3 + Spray Max-85 1 ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in 35 to 45 days after transplanting. (Flowering stage) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases
<b>Harit Sanjivani Stage 4 + Spray Max-85 1ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in 60 to 70 days after transplanting. (Growth stage of fruits) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases
<b>Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.</b>	

## Time and Dose of Nutrients



















### (Volume per acre)

Organic fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter mixed with cow dung or compost manure each per 1 kg. For Root Knot nematodes apply Neem powder 250 kg.

- 1) At the time of transplanting apply Nitrogen 30 kg, Phosphorus 20 kg, Potash 20 kg, Mix Micronutrients 20 kg, Sulphour (granule) 10 kg or Sulphour (90% WDG) - 3 kg.
- 2) 10 days after transplanting Nitrogen - 10 kg.

Brinjal diseases and remedies	Brinjal diseases and remedies
<p><b>Fungus:</b> <b>1) Root rot</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> Thyophanate methyl 1.5 gm + <b>Spray Max-85</b> 1 ml <b>Drenching: Defend 2gm</b> + Metalaxyle35% 1.5 gm + <b>Spray Max-85</b> 1ml</p>	<p><b>2) Anthracnose (Fruit rot)</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Metalaxyle (+) Mancozeb 2 gm + <b>Spray Max-85</b> 1 ml</p>
<p><b>3) Cercospora</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Captan 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>3) Phytophthora</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Zineb 2 gm + <b>Spray Max-85</b> 1 ml</p>
<p><b>4) Powdery mildew</b></p> 	<p><b>5) Downey Mildew</b></p> 



<p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Hexaconazole 1ml + <b>Spray Max-85</b> 1 ml</p>	<p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Hexaconazole(+)Captan 1.5 gm + <b>Spray Max-85</b> 1 ml</p>												
<p><b>5) Alternaria</b>  <b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Hexaconazole(+)Captan 2 gm + <b>Spray Max-85</b> 1 ml</p>													
<p><b>Bacterial Blight</b>  <b>Treatment :</b> Spraying (volume per liter)          1) <b>Defend 2 gm</b> + Captan 2 gm + Streptocycline 6 gm / 50 L + <b>Spray Max-85</b> 1 ml          2) Copper oxychloride - 2 gm + Streptocycline 6 gm / 50 L + <b>Spray Max-85</b> 1 ml</p>													
<p><b>Viral: Leaf Curl</b>  <b>Treatment :</b> Spraying (volume per liter)  <b>Rapid</b> 2ml + Acephate (Asataf) 1.5gm + <b>Spray Max-85</b> 1 ml          After 2 days of this spraying take 2<sup>nd</sup> spray  <b>Fruit special</b> 2 gm + 13: 40: 13- 5 gm + <b>Spray Max-85</b> 1 ml</p>													
<p><b>Sucking pest:</b></p> <table border="0" style="width: 100%; text-align: center;"> <tr> <td>Thrips</td> <td>Aphids/Jassids</td> <td>Red mites</td> <td>White fly</td> <td>Leaf hopper</td> <td>Mealy bug</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Thrips	Aphids/Jassids	Red mites	White fly	Leaf hopper	Mealy bug						
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<p><b>Treatment :</b> (Volume per liter): <b>Rapid 2 ml</b> + Spray Max-85 1ml</p>													
<p><b>Pest:</b>          Leaf borer          Shoot borer          Fruit borer</p>	<p><b>Insecticide:</b>          Chloropyrifos 50% (+) Cypermethrin 5% 2 ml + <b>Spray Max-85</b> 1 ml          Emamectin benzoate 1 gm + Dichlorvose 1 ml + <b>Spray Max-85</b> 1ml          Novalurone (+) Emamactin (Barazide) 3 ml + <b>Spray Max-85</b> 1 ml          Spintoram 1ml + <b>Spray Max-85</b> 1 ml</p>												



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Fruit fly	Phenpropathrine 1ml + Dichlorvos 1ml + <b>Spray Max-85</b> 1 ml
<p><b>Root Knot Nematode: Treatment :</b> (Volume per acre)</p> <p>Trichoderma 1 kg + Paecilomyces 1 kg + Black jaggery 2 kg (mix all three in 10 liters of clean water and keep in a plastic bucket or plastic vessel a day)</p> <p>On the second day mix Soil Health Special 500 gm in 200 liters of water and mix the top 10 liters of draining in it, and drenching in the roots of plants or by drip irrigation.</p>	



## Instructions :

- 1) **Harit Sanjivani Stage 2/3/4, Defend, Fruit Special** can be mix with any pesticide, insecticides, fungicides, fertilizer except alkaline such as Copper, Sulphour, Bordeaux mixture.
- 2) Use **Spray Max-85** in the ratio of 1 ml per liter in every spray solution .
- 3) After spraying of **Harit Sanjivani Stage 4**, spray **Harit Sanjivani Fruit Special** at a ratio of 2 gm per liter as needed to increase the size of fruits at intervals of 15–15 days.

**(For Brinjal crop schedule given by field trials, farmers experience and agricultural universities trials and the schedule can be change according to soil type and environment)**