



Harit Sanjivani Crop Schedule

Crop: Tomato

Sowing time: kharif Season from June to July, Rabi Season September to October, Summer Season January to February, Duration of harvest: 120 to 180 days

How to apply Harit Sanjivani Products

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

While transplanting prepare a solution of Defend 3 gm + Spray Max-85 1 ml per liter and immerse the plant roots in it or drenching after transplantation.

Products of Harit Sanjivani	Time & Method of Application
Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm (Per acre)	While transplanting tomato 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.
Harit Sanjivani Stage 2 + Spray Max-85 1 ml per liter of water Rapid Defend	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
Harit Sanjivani Stage 3 + Spray Max-85 1 ml per liter of water Rapid Defend	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
Harit Sanjivani Stage 4 + Spray Max-85 1 ml per liter of water Rapid	Spraying should be done in 60 to 70 days after transplanting. (Fruits development stage) Rapid 2 ml per liter of water for sucking pest

Defend	Defend 2 gm per liter of water to prevent fungal diseases
Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.	

Time and Dose of Nutrients

(Amount per acre)

Bio 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) While transplanting tomato, Nitrogen- 60 kg , Phosphorus- 30 kg, Potash-30 kg, mix micronutrients 20 kg, Sulphour (granule) 10 kg or Sulphour (90% WDG) 3 kg.

2) 20 to 30 days after transplanting of tomato, Nitrogen- 30 kg, Phosphorus-30 kg.

3) 50 to 60 days after transplanting tomato, Nitrogen-30 kg , Potash - 30 kg.

Tomato diseases and remedies		Tomato diseases and remedies	
<p>Fungus :</p> <p>1) Root rot</p>  <p>Treatment : Drenching (volume per liter)</p> <p>Defend 2 gm + Metalaxyle35% 1.5 gm + Spray Max-85 1 ml</p>	<p>2) Early blight</p>  <p>Treatment : Spraying (volume per liter)</p> <p>Defend 2 gm + Metalaxyle (+) Mancozeb 2 gm + Spray Max-85 1 ml</p>		
<p>3) Late blight</p>  <p>Treatment : Spraying (volume per liter)</p> <p>Defend 2 gm + Captan 2 gm + Spray Max-85 1 ml</p>	<p>4) Downey Mildew</p>  <p>Treatment : Spraying (volume per liter)</p> <p>Defend 2 gm + Hexaconazole(+)Captan 1.5 gm + Spray Max-85 1 ml</p>		

4) Powery Mildew

Treatment : Spraying (volume per liter)

Defend 2 gm + Hexaconazole 1 ml + **Spray Max-85** 1 ml



Viral : Alfalfa mosaic

Treatment : Spraying (volume per liter)

Rapid 2 ml + Acephate (Asataf) 1.5gm + **Spray Max-85** 1 ml

After 2 days from this spraying take 2nd spray

Fruit special 2 gm + 13: 40: 13- 5 gm + **Spray Max-85** 1 ml



Viral: Leaf Curl

Treatment : Spraying (volume per liter)

Rapid 2 ml + Acephate (Asataf) 1.5gm + **Spray Max-85** 1 ml

After 2 days from this spraying take 2nd spray

Fruit special 2 gm + 13: 40: 13- 5 gm + **Spray Max-85** 1 ml



Bacterial Blight

Treatment : Spraying (volume per liter)

1) **Defend 2 gm** + Captan 2 gm + Streptocycline 6 gm / 50 L + **Spray Max-85** 1 ml

2) Copper oxychloride - 2 g + streptocyclin 6 g / 50 L +

Spray Max-85 1 ml



Sucking pest:



Thrips

Aphids/Jassids

Red mites

White fly

Leaf hopper

Mealybug

Treatment : (Volume per liter): **Rapid 2 ml** + Spray Max-85 1 ml



Harit Sanjivani Crop Schedule

Pest:	Insecticide:
Leaf borer	Chlorpyrifos 50% (+) Cypermethrin 5% 2 ml + Spray Max-85 1 ml
Shoot borer	Emamectin benzoate 1 gm + Dichlorvos 1 ml + Spray Max-85 1ml
Fruit borer	Novalurone (+) Emamectin (Barazide) 3 ml + Spray Max-85 1 ml Spinetoram 1ml + Spray Max-85 1 ml
Fruit fly	Fenpropathrin 1ml + Dichlorvos 1ml + Spray Max-85 1 ml

Root Knot Nematode: Treatment : (Volume per acre)

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)

On the second day, mix Soil Health Special 500 gm in 200 liters of water and mix the top 10 liters solution in it and drench near roots of plants or by drip irrigation.



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.

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