



Harit Sanjivani Crop Schedule

Crop: Onion

Sowing Time: Kharif season July - August, Rangada: September to October, Rabbi season from September to October, Crop duration: 90 to 130 days

How to apply Harit Sanjivani Products

Onion Nursery – For 1000 sq.ft. nursery apply in soil Garden Gold 500 gm 10 pouches + Soil Health Special 100 gm

At the time of transplanting: Prepared a solution of Defend 3 gm + Spray Max-85 1 ml per liter of water and immerse plant roots in it.

Products of Harit Sanjivani	Time and methods of apply
Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm (Per acre)	While transplanting or after transplanting up to 30 days apply in soil by mixing it 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 15 days after spraying Harit Sanjivani Stage 2. (Onion and leaf 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 4 + Spray Max-85 1ml per liter of water Rapid Defend	Spraying should be done in 15 days after Harit Sanjivani Stage 3. (Onion development stage) Rapid 2 ml per liter of water for sucking pest 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

(Volume per acre)





Organic fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter are 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 Nitrogen - 25 kg, Phosphorus - 40 kg, Potash - 40 kg, Mix Micronutrients 20 kg, Sulphour (granule) - 10 kg or Sulphour (90% WDG) - 3 kg.

2) In 25 to 40 days after transplanting Nitrogen - 25 kg,

Instructions: Do not give any type of manure to the onion after 45 days.

Onion diseases and treatment	Onion diseases and treatment
<p>Fungus:</p> <p>1) Downy Mildew</p> <p>Treatment : Spraying (volume per liter)</p> <p>Defend 2 gm + Hexaconazole (+) Captan 1.5 gm + Spray Max-85 1 ml</p>	
<p>2) Purple Bloch</p> <p>(Purple mould)</p>  <p>Treatment : Spraying (volume per liter)</p> <p>Defend 2 gm + Hexaconazole (+) Zenab 2 gm + Spray Max-85 1 ml</p>	<p>3) Anthracnose</p>  <p>Treatment : Spraying (volume per liter)</p> <p>Defend 2 gm + Metalaxyle (+) Mancozeb 2 gm + Spray Max-85 1 ml</p>
<p>Bacterial leaf blight</p> <p>Treatment : Spraying (volume per liter)</p> <p>1) Defend 2 gm + Captan 2 gm + Streptocycline 6 gm / 50 L + Spray Max-85 1 ml</p> <p>2) Copper oxychloride 2 gm + Streptocycline 6 gm / 50 L</p>	



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+ **Spray Max-85** 1 ml

Sucking pest:

Thrips

Aphids/Jassids

Red mites

White fly

Leaf hopper

Mealy bug



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

Pest:

Leaf borer

Insecticide:

Chloropyrifos 50% (+) Cypermethrin 5% 2ml + **Spray Max-85** 1 ml

Emamectin benzoate 1 gm + Dichlorvose 1 ml + **Spray Max-85** 1ml

Novalurone (+) Emamectin (Barazide) 3 ml + **Spray Max-85** 1 ml

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.

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