



Harit Sanjivani Crop Schedule

Crop: Garlic

Sowing Time: Rabbi season - October to November, Duration of harvest: 130 to 150 days

How to apply Harit Sanjivani Products

Seed process: Use Defend 5 gm + Spray Max-85 for 5 ml per kg of seed.

Products of Harit Sanjivani	Time and methods of Application
Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm (Per acre)	While sowing or after sowing 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 25 to 30 days after sowing garlic. (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. (Growth stage of garlic and leaf) 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 Defend	Spraying should be done in 15 days after spraying Harit Sanjivani Stage 3. (Growth stage of garlic) 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

(Amount per acre)

Bio fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter mixed with cow dung or compost manure each per 1 kg.

- 1) While sowing Nitrogen 20 kg , Phosphorus 20 kg, Potash 20 kg, mix micronutrients 20 kg, Sulphour (granule) - 10 kg or Sulphour (90% WDG) - 3 kg.
- 2) 30 days after sowing Nitrogen 7 kg .
- 3) 45 days after sowing Nitrogen 7 kg.
- 4) 60 days after sowing Nitrogen 7 kg.

Garlic diseases and remedies		Garlic diseases and remedies	
<p>1) Downey Mildew</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole (+) Captan 1.5 gm + Spray Max-85 1 ml</p>		<p>2) White rot</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Thiophanate Methyl - 1.5 gm + Spray Max-85 1 ml</p>	
<p>3) Purple blotch</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole (+) Zenab 2 gm + Spray Max-85 1 ml</p>		<p>4) Rust</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalaxyle (+) Mancozeb 2 gm + Spray Max-85 1 ml</p>	
<p>Viral: Garlic Mosaic</p> <p>Treatment : Spraying (volume per liter) Rapid 2ml + Acephate (Asataf) 1.5gm + Spray Max-85 1 ml</p> <p>After 2 days of this spraying take 2nd spray Fruit special 2 gm + 13: 40: 13- 5 gm + Spray Max-85 1 ml</p>			
<p>sucking pest:</p> <p>Thrips, Aphids, Jassids, Red mites, White fly, Leaf hopper, Mealy bug</p>			



Harit Sanjivani Crop Schedule



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

Pest:	Insecticide:
Leaf borer	Chloropyrifos 50% (+) Cypermethrin 5% 2 ml + Spray Max-85 1 ml
	Emamectin benzoate 1 gm + Dichlorvose 1 ml + Spray Max-85 1ml
	Novalurone (+) Emamectin (Barazide) 3ml + 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..

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