



Harit Sanjivani Crop Schedule

Crop: Cauliflower / Broccoli

Sowing Time: Annual crop: cauliflower - 70 to 100 days, Broccoli - 65 to 70 days

How to apply Harit Sanjivani Products

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.

Products of Harit Sanjivani	Time & Methods of Application
Harit Sanjivani Stage 1 - 250 gms + 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 20 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 (Fruit setting 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 spraying Harit Sanjivani Stage 3 (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







Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.

Time and dose of Nutrients

(Amount 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 15 kg, Potash 15 kg, mix micronutrients 20 kg, Sulphour (granule) 10 kg or Sulphour (90% WDG) - 3 kg.
- 2) 30 to 20 days after transplanting Nitrogen - 30 kg.

Diseases and treatment		Diseases and treatment	
<p>Fungus:</p> <p>1) Downy Mildew</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalaxyle (+) Mancozeb 2 gm + Spray Max-85 1 ml</p>		<p>2) Club root</p>  <p>Treatment : Drenching (volume per liter) Copper oxychloride 3 gm + Validamycin 2 ml + Spray Max-85 1 ml</p>	
<p>3) Stem rot</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Chlorothalonil 1 gm + Azoxystrobin 1 ml + Spray Max-85 1 ml</p>		<p>4) Black rot</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole (+) Captan 2 gm + Spray Max-85 1 ml</p>	
<p>Bacterial leaf spot</p> <p>Treatment : Spraying (volume per liter)</p> <ol style="list-style-type: none"> 1) Defend 2 gm + Captan 2 gm + Streptomycin 6 gm / 50 L + Spray Max-85 1 ml 2) Copper oxychloride 2 gm + Streptomycin 6 gm / 50 L + Spray Max-85 1 ml 			



Harit Sanjivani Crop Schedule

Sucking Pest:

Thrips



Aphids/Jassids



Red mites



White fly



Leaf hopper



Mealybug



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

Pest:

Leaf borer

Shoot borer

Fruit borer

Kite

Insecticide:

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

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

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

Spintoram 1ml + **Spray Max-85** 1 ml

Phenpropathrine 1ml + Dichlorvos 1ml + **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 Cauliflower, Broccoli crop schedule given by field trials, farmers experience and agricultural universities trials and the schedule can be change according to soil type and environment)