



# Harit Sanjivani Crop Schedule

## Crop: Cotton

Sowing time: 25 May to June, Duration of harvest : 160 to 190 days

### How to apply Harit Sanjivani Products

Products of Harit Sanjivani	Time & Methods of Apply
Harit Sanjivani Stage 1 250 gm + Soil Health Special 500 gm (Per acre)	At the time of sowing or up to 30 days after sowing 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 1ml per liter of water Rapid Defend	Spraying should be done in 25 to 40 days after sowing. (Vegetative growth stage) Rapid 2 ml per liter of water for Sucking pest Defend 2 gm per liter of water for prevent fungal diseases
Harit Sanjivani Stage 3 + Spray Max-85 1ml per liter of water Rapid Defend	Spraying should be done in 15 days after spraying Harit Sanjivani Stage 2. (Flowering Stage) Rapid 2 ml per liter of water for Sucking pest Defend 2 gm per liter of water for 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 Ball ) For Sucking pest Rapid 2 ml per liter of water Defend 2 grams 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 are mixed with cow dung or compost manure each per 1 kg.

1) Up to 30 days from sowing Nitrogen - 50 kg, Phosphorus - 50 kg, Potash - 50 kg,

Magnesium sulphate - 15 kg, Zinc sulphate - 5 kg, Sulphour (Granule) - 10 kg or Sulphour (90 % WDG) - 3 kg, boron - 2 kg.

2) 50 to 55 days after sowing - Nitrogen 30 kg , Potash - 25 kg

3) 70 to 75 days after sowing - Nitrogen 30 kg

Cotton diseases and treatment	Cotton diseases and treatment
<p><b>1) Alternaria</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend</b> 2 gm + Metalaxyle(+)Mancozeb 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>2) Rhizoctonia</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend</b> 2 gm + Mancozeb (+) Carbendazim 2 gm + <b>Spray Max-85</b> 1 ml  <b>Drenching:</b> Copper Oxycloride 2 gm per liter of water</p>
<p><b>3) Verticillium wilt</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend</b> 2 gm + Captan 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>4) Fusarium wilt</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend</b> 2 gm + Mancozeb(+)Carbendazim 2 gm + <b>Spray Max-85</b> 1 ml  <b>Drenching:</b> Copper Oxycloride 3 gm per liter of water</p>
<p><b>5) Bacterial Blight</b></p> <p><b>Treatment :</b> Spraying (volume per liter)</p> <p>1) <b>Defend</b> 2 gm + Captan 2 gm + Strepto Cycline 6 gm / 50 L + <b>Spray Max-85</b> 1 ml</p> <p>2) Copper oxycloride 2 gm + Strepto Cycline 6 gm / 50 L + <b>Spray max-85</b> 1 ml</p> 	

## Sucking pests:



Thrips



Jassids



Red mites



White fly



Leaf hopper

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

## Mealybug:

Treatment : (Volume per liter)

Rapid 1.5 ml + Clothianidine (Dentotsu) 0.5 g + Spray Max-85 1 ml



### Pest:

American Ball worm

Tobacco Cater Pillar

Cotton pink ball  
worm

### Insecticide:

Chlorpyrifos50%(+)Cypermethrin5% 2ml + Spray Max -85 1 ml

Spinosad 75/200 ltr + Spray Max- 85 1 ml

Fipronil 2 / Li + Spray Max -85 1 ml

Emamectin 1gm + 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 for 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 through drip irrigation.



## Instructions:

1) Harit Sanjivani Stage 2 /3/4, Defend, Fruit Special can be mixed with any pesticides, fungicides, insecticides, fertilizers 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.



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3) After spraying **Harit Sanjivani Stage 4** spray **Harit Sanjivani Fruit Special** at a ratio of 2 gm per liter as needed to increase the size of the balls at intervals of 15 - 15 days.

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