



Harit Sanjivani Crop Schedule

Crop: Soybean (Soybean)

Sowing Time: June to July, Duration of crop: 90 to 115 days

How to apply Harit Sanjivani Products

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

Harit Sanjivani Products	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 1ml per liter of water Rapid Defend	Spraying should be done in 30 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 to 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 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 grains) 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)

Bio-fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter are mixed with FYM or compost manure each per 1 kg. For root knot nematodes apply

Neem powder 250 kg.

While sowing Nitrogen 50 kg, Phosphorus 150 kg, Potash 50 kg, Mix Micronutrients 20 kg, Sulphour (granule) - 10 kg or Sulphour (90% WDG) - 3 kg.

Soybean diseases and remedies	Soybean diseases and remedies
<p>1) Cercospora</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalexyle(+)Mancozeb 2 gm + Spray Max-85 1 ml</p>	<p>2) Fusarium</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole(+)Captan 2 gm + Spray Max-85 1 ml</p>
<p>3) Anthracnose: Treatment: Spraying (volume per liter) Defend 2 gm + Triacyclazole(+)Mancozeb 2 gm + Spray Max-85 1 ml</p>	
<p>4) Downey Mildew</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Captan 2 gm + Spray Max-85 1 ml</p>	<p>5) Phytophthora</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Carbendazim 1 gm + Spray Max-85 1 ml Drenching: Copper 3 gm per liter of water</p>
<p>Bacterial Blight: 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 + Spray Max-85 1 ml</p>	

Viral Infections: Alfalfa

Treatment : Spraying (volume per liter)

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

After 2 days of this spraying take 2nd spray

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



Sucking pest:

Thrips



Aphids/Jassids



Red mites



White fly



Leaf hopper



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

Pest:

Army worm

Green clover worm

Cucumber beetle

Insecticide:

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

Spinosad 75 ml / 200 l + **Spray Max-85** 1 ml

Fipronil 2 ml / 1 + **Spray Max-85** 1 ml

Emamectin 1 gm + dichlorvose 1 ml + **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 of draining in it, and drenching in the 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.



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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 pod & grains at intervals of 15–15 days.

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