



Harit Sanjivani Crop Schedule

Crop: Paddy

Nursery Time: May 15 to June, **Sowing:** June to July, **Duration of harvest:** 100 to 135 days according to variety

How to apply Harit Sanjivani Products

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

Paddy Nursery – For 1000 sq.ft nursery apply 10 pouches of Garden Gold 500 gm + Harit Sanjivani Soil Health Special 500 gm in soil.

Products of Harit Sanjivani	Time & Method of Application
Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm (Per acre)	While sowing / transplanting or after sowing / transplanting up to 15 to 20 days apply in soil by mixing 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 sowing / 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 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. (Development stage 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 be given in the amount of 500 ml per acre by drenching or by adding fertilizer.	

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.

1) At the time of sowing or transplanting paddy, Nitrogen- 15 kg, Phosphorus - 10 kg, Potash - 25 kg, Mix Micronutrients 20 kg, Sulphour (granule) - 10 kg, or Sulphour (90% WDG) - 3 kg,

2) 15 to 25 days after sowing or transplanting Nitrogen - 15 kg, Zinc sulphate 5 kg.

3) 20 to 70 days after sowing or transplanting Nitrogen - 20 kg, Potash - 30 kg.

Paddy diseases and treatment		Paddy diseases and treatment	
<p>Fungus:</p> <p>1) Blast</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Triacyclazole(+)Mancozeb 2 gm + Spray Max-85 1 ml</p>	<p>2) Sheath Blight</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Valida mycine(+)Hexaconazole 1 ml + Spray Max-85 1 ml</p>		
<p>3) Steam rot</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Thiophanate methyl 1 gm + Spray Max-85 1 ml</p>	<p>4) False smut</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole (+) Zenab 2 gm + Spray Max-85 1 ml</p>		
<p>Bacterial Blight: Treatment : Spraying (volume per liter) 1)Defend 2 gm + Captan - 2 gm + Streptocyclin 6 gm / 50 L +Spray Max-85 1 ml</p>		  <p>Bacterial leaf streak Bacterial leaf blight</p>	



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2) Copper oxychloride - 2 g + streptocyclin 6 g / 50 L + **Spray Max-85** 1 ml

Viral Infection: Tungro virus

Treatment : Spraying (volume per liter)

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

After 2 days from this spraying take 2nd spray

Fruit special 2 gm + 13: 40: 13- 5 gm + **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 of draining in it, and drenching in the roots of plants or by drip irrigation.



Pest:

Cater Pillar

Paddy Hispa

Steam borer

Insecticide:

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

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

Emamectin 1 gm + Dichlorvose 1 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 grains at intervals of 15–15 days.

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