



# Harit Sanjivani Crop Schedule

## Crop: Wheat

Sowing Time: November to December, Duration of crop: 90 to 120 days

### How to apply Harit Sanjivani Products

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

Products of Harit Sanjivani	Time & Methods of Application
<b>Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm</b> (Per acre)	While sowing wheat 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.
<b>Harit Sanjivani Stage 2 + Spray Max-85 1 ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in 30 to 40 days after sowing wheat. (Vegetative growth stage) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases
<b>Harit Sanjivani Stage 3 + Spray Max-85 1 ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in 50 to 60 days after sowing wheat. (Flowering Stage) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases
<b>Harit Sanjivani Stage 4 + Spray Max-85 1 ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in 70 to 80 days after sowing wheat. (Development stage of grains) Rapid 2 ml per liter of water for sucking pest Defend 2 gm 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 Fertilizers application

(Volume per acre)

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

For root knot nematodes use Neem Powder 250 kg

1) At the time of sowing wheat Nitrogen - 25 kg, Phosphorus - 35 kg, Potash - 20 kg, Zinc Sulphate - 5 kg, Sulphour (granule) - 10 kg or Sulphour (90% WDG) - 3 kg, Mix Micronutrients 20 kg

2) After 25 to 30 days sowing of wheat - Nitrogen - 25 kg

Wheat diseases and remedies		Wheat diseases and remedies	
<p><b>1) Brown Rust</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Metalaxyle (+) Mancozeb 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>2) Leaf Blotch</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Mancozeb(+)Carbendazim 2 gm + <b>Spray Max-85</b> 1 ml</p>		
<p><b>1) Loose smut</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Captan - 1.5 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>3) Powdery Mildew</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Hexaconazole 1 ml + <b>Spray Max-85</b> 1 ml</p>		
<p><b>5) Yellow Rust</b></p> <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Hexaconazole (+) Zenab - 2 gm + <b>Spray Max-85</b> 1 ml</p>			
<p><b>Sucking Pest:</b>  Aphids, Jassids, Leaf hoppers</p>   <p><b>Treatment :</b> (Volume per liter): <b>Rapid 2 ml</b> + <b>Spray Max-85</b> 1 ml</p>			
<p><b>Pest:</b>  Leaf borer</p>	<p><b>Insecticide:</b>  Chlorpyrifos 50% (+) Cypermethrin 5% 2 ml + <b>Spray Max-85</b> 1 ml</p>		



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Emamectin 1 gm + Dichlorvos 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 solution in it and drench near 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.
- 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 the grains at intervals of 15–15 days .

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