



# Harit Sanjivani Crop Schedule

## Crop: Gram (Chickpea)

Sowing time: Rabbi season 25 September to November, Duration of harvest: 85 to 110 days

### How to apply Harit Sanjivani Products

**Seed Treatment: Use Defend 5 gram + Spray Max-85 @ 5 ml per kg of seed.**

Products of Harit Sanjivani	Time & Methods of Apply
<b>Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm</b> (Per acre)	At the time of sowing or after sowing it can be given up to 30 days 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 1ml per liter of water</b> <b>Defend</b>	Spraying 20 to 30 days after sowing. (Vegetative growth stage)  Defend 2 gm per liter to prevent fungal diseases
<b>Harit Sanjivani Stage 3 + Spray Max-85 1ml per liter of water</b> <b>Defend</b>	Spraying should be done in 15 days after Harit Sanjivani Stage 2 spraying. (Flowering Stage)  Defend 2 gm per to prevent fungal diseases
<b>Harit Sanjivani Stage 4 + Spray Max-85 1ml per liter of water</b> <b>Defend</b>	Spraying should be done in 15 days after Harit Sanjivani Stage 3 spraying. (Growth stage of grains)  Defend 2 gm per liter 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)

1) While sowing gram D.A.P. 50 kg, M.O.P. 50 kg

Gram diseases and Treatment		Gram diseases and Treatment	
<b>Mildew:</b> <b>1) Alternaria</b> 		<b>2)Ascochyta blight</b> 	
<b>Treatment:</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Captan 2 gm + <b>Spray Max-85</b> 1 ml		<b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Hexaconazole(+)Zineb 2 gm + <b>Spray Max-85</b> 1 ml	
<b>3) Botrytis (Gray Mold)</b> 		<b>4) Powdery mildew</b> 	
<b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Hexaconazole(+)Captan - 1.5 gm + <b>Spray Max-85</b> 1 ml		<b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Hexaconazole 1 ml + <b>Spray Max-85</b> 1 ml	
<b>5) Fusarium wilt</b> <b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Metalexyle 35% 1 gm + <b>Spray Max-85</b> 1 ml			
<b>Pest:</b> Leaf borer Fruit borer	<b>Insecticide:</b> Chloropyrifos 50% (+) Cypermethrin 5% 2ml + <b>Spray Max-85</b> 1 ml Emamectin 1 gm + Dichlorvose 1 ml + <b>Spray Max-85</b> 1 ml		

## Instructions :

1) Harit Sanjivani Stage 2/3/4, Fruit Special, Defend 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 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.

(For Chickpea crop schedule given by field trials, Farmers experience and Agricultural Universities trials and the schedule can be change according to soil type and environment)