



Harit Sanjivani Crop Schedule

Crop: Pigeon pea (Tur)

Sowing time: 15 June to 20 July / 20 August to 20 September, Duration of harvest: 120 to 150 days

How to apply Harit Sanjivani Products

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

Products of Harit Sanjivani	Time & 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 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 30 to 35 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 60 to 70 days after sowing. (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 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)

While sowing or after sowing 50 days apply Nitrogen - 50 kg, Phosphorus - 150 Kg,

Potash - 50 Kg, Mix Micronutrients 20 Kg, Sulphour (granule) - 10 Kg or Sulphour (90% WDG) - 3 Kg.

Diseases and remedies		Diseases and remedies	
<p>Fungus : 1) Fusarium</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalaxyle(+)Mancozeb 2 gm + Spray Max-85 1 ml Drenching: (volume per liter) Copper 3 gm per liter of water</p>		<p>2) Cercospora</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole(+)Zenab 2 gm + Spray Max-85 1 ml</p>	
<p>Viral infection: Infertility Mosaic Treatment : Spraying (volume per liter) Rapid 2 ml + 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</p>			
<p>Sucking pest:</p> <div style="display: flex; justify-content: space-around;">      </div> <p style="text-align: center;">Thrips Aphids Red mites White Fly Leaf Hopper</p> <p>Treatment : (Volume per liter): Rapid 2 ml + Spray Max-85 1ml</p>			
<p>Pest: Green clover worm Fruit fly Fruit borer</p>	<p>Insecticide: Chloropyrifos 50% (+) Cypermethrin 5% 2 ml + Spray Max-85 1 ml Emamectin 1 gm + Dichlorvose 1 ml + Spray Max-85 1 ml Phenpropathrine 1 ml + Spray Max-85 1 ml Spinosad 75 ml / 200 l + Spray Max-85 1 ml</p>		



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Root Knot Nematode: Treatment : (Quantity 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 grains at intervals of 15–15 days.

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