Harit Sanjivani Crop Schedule

Crop: Ladyfinger (Okra)

Sowing Time: All Season, Duration of harvest: 120 to 150 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 method of use**
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 15 to 25 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 35 to 45 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 60 to 70 days after sowing. (Growth stage of fruits) 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)
Organic fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter mixed with cow dung or compost manure each per 1 kg. For root knot

nematodes apply Neem powder 250 kg.

1) While sowing okra, Mix micronutrients 20 kg, Sulphour (granule) - 10 kg or Sulphour (90% WDG) - 3 kg

2) 30 days after sowing Nitrogen - 40 kg, Phosphorus - 20 kg, Potash - 20 kg

Okra diseases and remedies	Okra diseases and remedies
Fungus: **1) Cercospora**  **Treatment :** Spraying (volume per liter) **Defend 2 gm** + Hexaconazole (+) Zenab 2 gm + **Spray Max-85** 1 ml	**2) Powdery mildew**   **Treatment :** Spraying (volume per liter) **Defend 2 gm** + Hexaconazole 1ml + **Spray Max-85** 1 ml

Viral: Yellow vein Mosaic

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 Mealy bug

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

Pest:	Insecticide:
Leaf borer	Chloropyrifos 50% (+) Cypermethrin 5% 2ml + **Spray Max-85** 1 ml
Shoot borer	Emamectin benzoate 1 gm + dichlorvose 1 ml + **Spray Max-85** 1ml
Fruit borer	Novalurone (+)Emamectin (Barazide) 3 ml + **Spray Max-85** 1 ml
	Spinosad 75 ml / 200 l + **Spray Max-85** 1 ml
Fruit fly	Phenpropathrine 1ml + Dichlorvos 1ml +**Spray Max-85** 1 ml

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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 fruits at intervals of 15–15 days.

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