



# Harit Sanjivani Crop Schedule

## Crop: Guava

### How to apply Harit Sanjivani Products

**Plantation:** While planting guava drenching in plant roots by preparing a solution of Defend 3 gm + Spray max-85 1 ml per liter of water.

**For the vegetative growth and development of plants apply in soil Harit Sanjivani Soil Health Special 500 gm 2 pouches in 3 to 4 months intervals per acre. Fruit Special 1 to 2 gm + Spray Max - 85 1 ml per liter of water at intervals of 30 - 30 days. According to this, Rapid 2 ml and Defend 2 gm can be sprayed as per needs.**

Products of Harit sanjivani	Time & Methods of Application
<b>2 pouches of Harit Sanjivani Soil Health Special 500 gm</b> (Per acre)	At the time of picking spring or up to 30 days by picking spring 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 Fruit Special 1 gm + Spray Max-85 1 ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in 15 to 20 days after picking spring. (Vegetative growth stage of leaves ) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases
<b>Harit Sanjivani Fruit Special 1 gm + Spray Max-85 1 ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in stage of initiation of flowering. (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 Fruit Special 2 gm + Spray Max-85 1ml per liter of water</b> <b>Rapid</b> <b>Defend</b>	Spraying should be done in the stage of the conversion of flowers into fruits. (Fruit setting stage) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases
<b>2 pouches of Harit Sanjivani Soil Health Special 500 gm</b>	In the stage of the conversion of flowers into fruits (Fruit setting stage), apply in soil by mixed with any chemical fertilizer or organic manure or in 40 to 50 kg dry soil or



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(Per acre)	through drip irrigation or drenching.
<b>Harit Sanjivani Fruit Special 2 gm + Spray Max-85 1ml per liter of water Rapid (as required) Defend</b>	Spraying should be done in 20 to 25 days after 3 <sup>rd</sup> spraying of fruit special. (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
<b>Harit Sanjivani Fruit Special 2 gm + Spray Max-85 1ml per liter of water Rapid (as required) Defend</b>	Spraying should be done in 20 to 25 days after 4 <sup>th</sup> spraying of fruit special. (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
After this spraying, in the development stage of the fruit spray every 20 to 25 days intervals with <b>Fruit Special 2 gm + Spray Max-85 1 ml</b> per liter of water. It can be sprayed by mixing Rapid 2 ml and Defined 2 gm per liter of water as per needs.	
<b>Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.</b>	

## Time and Dose of Nutrients

Plant Age	Dung compost / compost manure (kg)	Nitrogen (Gram) Quantity per plant	Phosphorus (gram) Quantity per plant	Potash (Gram) Quantity per plant
1 year	10	250	100	100
2 years	10	250	100	100
3 year	10	250	100	100
While catching spring	20	180	120	120
In development stage of fruits		180		100

**Micronutrients :-**



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1. Mix micronutrients by mixing 25 gm per tree with cow dung or compost manure.
2. For root knot nematodes, Neem powder should be used in 500 gm per tree.
3. Organic fertilizers such as Trichoderma, Pseudomonas, phosphorus soluble bacteria, Azotobacter, mix 25 gm per tree with cow dung or compost manure.

Guava diseases and treatment	Guava diseases and treatment
<p><b>Fungus:</b></p> <p><b>1) 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) Fruit rot</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Chlorthalonil 2 gm + <b>Spray Max-85</b> 1 ml</p>
<p><b>3) Anthracnose (Dieback)</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Azoxystrobin 1 ml + <b>Spray Max-85</b> 1 ml</p>	<p><b>4) Algal Leaf Spot</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>5) Defend 2 gm</b> + Hexaconazole (+) Captan 2 gm + <b>Spray Max-85</b> 1 ml</p>
<p><b>5) Guava Wilt</b></p> <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Captan 2 gm + <b>Spray Max-85</b> 1 ml <b>Defend 2 gm</b> + Propiconazole 1 ml + <b>Spray Max-85</b> 1 ml</p> <p><b>Drenching:</b> volume per liter Copper oxychloride - 3 gm + Validamycin 2 ml + <b>Spray Max-85</b> 1 ml</p>	



## Bacterial canker 1) Fruit canker



Canker on the fruit

**Treatment :** Spraying (volume per liter)  
(Through drip irrigation or drenching **Fruit Special 1 kg** per acre)

- 1) **Defend 2 gm** + Captan 2 gm + streptomycin 6 gm / 50 L + **Spray Max-85** 1 ml
- 2) Copper oxychloride - 2 gm + streptomycin 6 g / 50 L + **Spray Max-85** 1 ml

## 2) Styler & Rot



Styler end rot (infected and healthy fruits)

**Treatment :** Spraying (volume per liter)  
(Through drip irrigation or drenching **Fruit Special 1 kg** per acre)

- 1) **Defend 2 gm** + Captan 2 gm + streptomycin 6 gm / 50 L + **Spray Max-85** 1 ml
- 2) Copper oxychloride - 2 gm + streptomycin 6 g / 50 L + **Spray Max-85** 1 ml

## Sucking pest:

Thrips



Green scale,



Mites,



White fly



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

## Mealy bug: Treatment :

(Volume per liter)  
**Rapid 1.5 ml** + Clothianidin (Dantotsu) 0.4 gm + **Spray Max-85** 1 ml



## Pest:

Fruit Borer / Bark Eating Caterpillar  
Fruit fly (golden fly)  
Fruit Sucking Moth (Kite)

## Insecticide:(Volume per liter of water)

Emamectin 1 gm + dichlorvose 1 ml + **Spray Max-85** 1 ml  
Rapid 1 ml + phenprothrin 1 ml + dichlorvose 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



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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.

## Instructions :

- 1) **Harit Sanjivani Fruit Special, Defend** can be mixed with any insecticides, pesticides, fungicides except only alkaline such as Copper, Sulphour, Bordeaux mixture.
- 2) In every spraying apply **Spray Max-85** in the ratio of 1 ml per liter.

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