



# Harit Sanjivani Crop Schedule

## Crop: Mango

Spring time: October to January (By department) Duration of crop: 150 to 180 days

### How to apply Harit Sanjivani Products

**Plantation: While planting mango 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 Harit Sanjivani Soil Health Special 2 pouches of 500 gm once in 3 to 4 months intervals in soil for per acre or 25gm per plant. Fruit Special 1 to 2 gm at intervals of 30 - 30 days + Spray Max - 85 1 ml per liter of water apply in spraying. According to this, Rapid 2 ml and Defend 2 gm per liter apply as per needs.

### Products of Harit Sanjivani

### Time & Methods of Application

To pick spring means to start spring treatment after resting or after foliage, giving first water to new leaves and flowers.

**Harit Sanjivani Soil Health Special 2 pouches of 500 gm per acre or 25 gm per plant**

While picking spring or up to 30 days apply in soil by mixing with any chemical fertilizer or organic manure or in 30 to 50 kg dry soil or through drip irrigation or drenching while catching spring

**Harit Sanjivani Fruit Special 1 gm + Spray Max-85 1 ml per liter of water**  
**Rapid**  
**Defend**

Spraying should be done in 15 to 25 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

**Harit Sanjivani Fruit Special 1 gm + Spray Max-85 1 ml per liter of water**  
**Rapid**  
**Defend**

Spraying should be done at the time of flowering initiation  
(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 Fruit Special 2 gm + Spray Max-85 1ml per liter of water**  
**Rapid**

Spraying at the time transformation of flowering into fruits  
(Fruit setting stage)  
Rapid 2 ml per liter of water for sucking pest



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<b>Defend</b>	Defend 2 gm per liter of water for prevent fungal diseases
<b>Harit Sanjivani Soil Health Special 2 pouches of 500 gm per acre or 25 gm per plant</b>	The transformation of flowers into fruit (Fruit setting stage) can be done by mix in with any chemical fertilizer or Organic manure or 40 to 50 kg of dry soil or 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>	After spraying the 3 <sup>rd</sup> spray of fruit special, spray it in 25 to 30 days. (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>	After spraying the 4 <sup>th</sup> spray of fruit special, spray it in 25 to 30 days. (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>Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.</b>	

## Time and dose of micronutrients application

Plant Age	Cow dung / compost manure (kg) (per tree)	Nitrogen (gm) (per tree)	Phosphorus (gm) (per tree)	Potash (gm) (per tree)
1 to 5 years	10	200	200	200
Before catching spring (in July)	50	750	500	500
Before catching spring (in September)		750		

### Micronutrient: -

1. Mix Micronutrients 25 gm Per Tree, Sulphour (90% WDG) - Give 3 kg per acre with cow dung or compost.



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2. For Root knot nematodes, Neem powder should be used in 500 gm per tree quantity.

3. Organic fertilizers such as Trichoderma, Pseudomonas, phosphorus soluble bacteria, Azotobacter mix 25 gm per tree with cow dung or compost manure.


Common diseases and treatment	Common diseases and treatment
<p><b>Fungal :1)Mango Malformation</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Hexaconazole (+) Zineb 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>1) Anthracnose</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</p>
<p><b>2) Phoma blight</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Hexaconazole (+) captan 2 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> + Metalaxyle (+) Mancozeb 2 gm + <b>Spray Max-85</b> 1 ml</p>
<p><b>4) Red rust</b></p>  <p><b>Treatment :</b> Spraying (volume per liter) <b>Defend 2 gm</b> + Zineb 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>5) Scab</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>6) Die back</b></p> 	<p><b>7) Root rot &amp; Damping off</b></p>  <p>Root Rot      Damping-off</p>



<p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Metalaxyle 1 gm + <b>Spray Max-85</b> 1 ml</p> <p>Drenching: (volume per liter)          Copper oxychloride - 3 gm + Valida mycine 2 ml + <b>Spray Max-85</b> 1 ml</p>	<p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Captan 2 gm + <b>Spray Max-85</b> 1 ml</p> <p>Drenching: (volume per liter)          Copper oxychloride - 3 gm + Valida mycine 2 ml + <b>Spray Max-85</b> 1 ml</p>
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<p><b>Bacterial Canker</b></p> <p><b>Treatment :</b> Spraying (volume per liter)          (Through drip irrigation or drenching <b>Fruit Special 1 kg</b> in soil per acre.)</p> <p>1) <b>Defend 2 gm</b> + Captan 2 gm + streptocycline 6 gm / 50 L + <b>Spray Max-85</b> 1 ml          2) Copper oxychloride - 2 gm + strepto cycline 6 gm / 50 L + <b>Spray Max-85</b> 1 ml</p>	
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<p><b>Sucking pest :</b></p> <p>Thrips</p> <p>Red Mites,</p> <p>Jassids,</p> <p>White Fly,</p> <p>Mango Hopper</p> <p><b>Treatment :</b> (volume per liter): <b>Rapid 2 ml</b> + <b>Spray Max-85</b> 1 ml</p>	
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<p><b>Mealybug :</b> <b>Treatment :</b> (Volume per liter)  <b>Rapid 1.5 ml</b> + Clothianidine (Dantotsu) 0.4 gm + <b>Spray Max-85</b> 1 ml</p>	
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<p><b>Pest:</b></p> <p>Fruit borer</p> <p>Shoot / Steam Borer</p> <p>Fruit fly (golden fly)</p> <p>Fruit Sucking Moth (Kite)</p> <p>Nut weevil</p>	<p><b>Insecticide: (Volume per liter of water)</b></p> <p>Emamectin 1 gm + dichlorvose 1 ml + <b>Spray Max-85</b> 1 ml</p> <p>Deltamethrin 1ml + Chlorpyrifos 1ml + <b>Spray Max-85</b> 1 ml</p> <p>Rapid 1 ml + phenpropathrin 1 ml + dichlorvos 1 ml + <b>Spray Max-85</b> 1 ml</p> <p>Flubendamide 0.5 g + Dichlorvose 1 ml + Spray Max-85 - 1 ml</p>
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<p><b>Root knot nematode :</b> <b>Treatment :</b> (volume per acre)</p> <p>Trichoderma 1 kg + paecilomyces 1 kg + black jaggery 2 kg (mix all three in 10 liters of</p>
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clean water and keep in a 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 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.
- 3) **After the 5<sup>th</sup> spray of Fruit special** as per the need to increase the size of the fruits in an interval of 25 days apply **Fruit Special** at a ratio of 2 gm per liter in spraying.

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