



Harit Sanjivani Crop Schedule

Crop: Kinnow

Kinnow Sowing time: February to March, Kinnow crop duration: 300 to 330 days

How and when to use Harit Sanjivani Products

For Kinnow Nursery apply Garden Gold 50 gm + Soil Health Special 5 gm per plant.

While planting drenching in the roots of the plant by preparing a solution of Defend 3 gm + Spray Max-85 1 ml per liter of water.

For the growth and development of plants, apply Harit Sanjivani Soil Health Special 500 gm per acre once in 3 to 4 months intervals in soil. 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 by adding per liter of water.

Products of Harit Sanjivani

Time & Methods of Application

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

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

(Per acre)

While picking spring or up to 30 days after picking spring 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 Fruit Special 1 gm + Spray Max-85 1 ml per liter of water

Rapid

Defend

Spraying should be done in 15 days after spraying 1st spray.

(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 in 15 - 20 days after spraying 1st spray.

(Flower initiation 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

Spraying should be done in 15 - 20 days after spraying 2nd spray.

(Fruit setting stage)



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Rapid	Rapid 2 ml per liter of water for sucking pest
Defend	Defend 2 gm per liter of water to prevent fungal diseases
2 pouches of Harit Sanjivani Soil Health Special 500 gm (Per acre)	In the fruits setting stage 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 Fruit Special 2 gm + Spray Max-85 1ml per liter of water	Spraying should be done in 25 - 30 days after spraying 3 rd spray. (Growth stage of fruits)
Rapid (as required)	Rapid 2 ml per liter of water for sucking pest
Defend	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	Spraying should be done in 25 - 30 days after spraying 4 th spray. (Growth stage of fruits)
Rapid (as required)	Rapid 2 ml per liter of water for sucking pest
Defend	Defend 2 gm per liter of water to prevent fungal diseases
After this spraying, in the growth stage of fruits, spray every 25 to 30 days intervals of Fruit Special 2 gm + spray Max-85 1 ml per liter of water. It can be sprayed by mixing Rapid 2 ml and Defend 2 gm per liter of water as per the requirements.	
Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.	



Time and Dose of Nutrients

Tree age (years)	Cow dung / compost manure (kg) (per plant)	Urea (gm) Quantity per plant	Single Super Phosphate (gm) Quantity per plant	Muret of potash (gm) Quantity per plant	Zinc Sulphate (gm) Quantity per plant
1 year	10	125	100	250	35
2 years	15	250	150	350	70
3 year	20	250	200	500	400

4 years	20	350	250	750	650
5 years	20	500	300	850	1000
6 to 7	30	600	400	1000	1250
8 years or more	40	1920	2750	4000	1500

Microenterology: -

1. Mix micronutrients by mixing 50 gm of cow dung or compost per tree.
2. For root knot nematodes apply Neem powder 500 gm per tree.
3. Organic fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter mixed with dung or compost manure @ 50gm per tree.

Diseases and treatment	Diseases and treatment
<p>Fungus:1) Phytophthora (Gummosis)</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalaxyle (+) Mancozeb 2 gm + Spray Max-85 1 ml</p> <p>Drenching: Defend 2 gm + Metalaxyl 35% 2 gm + Spray Max-85 1 ml</p>	<p>2) Cercospora</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalaxyle (+) Mancozeb 2 gm + Spray Max-85 1 ml</p>
<p>3) Alternaria</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Carbendazhim(+)Mancozeb 2 gm + Spray Max-85 1 ml</p>	<p>4) Scab</p>  <p>Treatment : Spraying (volume per liter) Defend 2 gm + Captan 2 gm + Spray Max-85 1 ml</p>

5) Anthracnose



Treatment : Spraying (volume per liter)

Defend 2 gm + Hexaconazole (+) Zenab 2 gm + **Spray Max-85** 1 ml

6) Leprosis



Treatment : Spraying (volume per liter)

Defend 2 gm + Hexaconazole (+) Captan 2 gm + **Spray Max-85** 1 ml

7) Melanose



Treatment : Spraying (volume per liter)

Defend 2 gm + Metalaxyle (+) Mancozeb 2 gm + **Spray Max-85** 1 ml

8) Gracie spot



Treatment : Spraying (volume per liter)

Defend 2 gm + Captan 2 gm + **Spray Max-85** 1 ml

9) Bacterium spread by Aphids (Green Hanglongbing)

Treatment : Spraying (volume per liter)

1) **Rapid 2 ml** + **Defend 2 gm** + Propineb 2 gm + **Spray Max-85**- 1 ml

2) **Fruit Special 2 gm** + Chelated zinc 1 gm + 13:40:13 - 5gm + Spray Max 85 1ml



10) Bacterial Blight: Kunker



Treatment : Spraying (volume per liter)

(By drip irrigation Fruit Special 1 kg per acre.)

1) Copper oxychloride 50% wp 2 gm + Streptocycline 6 gm /50 liter + Spray max-85 1 ml

2) **Defend** 2 gm + Captan 2 gm + Streptocycline 6 gm /50 liter + Spray max-85 1 ml

Sucking pest:

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



Mealy bug: Treatment : (Volume per liter)

Rapid 1.5 ml + Clothianidine (Dentotsu) 0.4 gm + **Spray Max-85** 1 ml



Pest:

Fruit borer

Stem borer

Fruit fly (golden fly)

Fruit Sacking Moth

(Kite)

Insecticide:(Volume per liter of water)

Emamectin 1 gm + dichlorvos 1 ml + **Spray Max-85** 1 ml

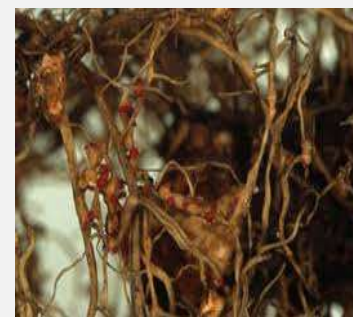
Novaluron 3ml + Dichlorvos 1ml + **Spray Max-85** 1 ml

Rapid 1 ml + phenpropathrin 1 ml + dichlorvos 1 ml + **Spray Max-85** 1 ml

Root node nematode: Treatment : (volume 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 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.



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3) After the 5th 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 kinnow crop schedule given by field trials, farmers experience and agricultural universities trials and the schedule can be change according to soil type and environment)