



Harit Sanjivani Crop Schedule

Crop: Pomegranate

Spring time: May to June, September to October, January to March, duration of harvest:
180 to 230 days

How to apply Harit Sanjivani Products

Seed process: While planting pomegranate 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

When and how to use

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

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| 2 pouches of Harit Sanjivani Soil Health Special 500 gm (Per acre) | While picking spring or up to 20 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 20 to 25 days after picking spring. (Growth stage of leaves) Rapid 2 ml 1 per liter of water for sucking pest Defend 2 gms 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 15 days after 1 st spray. (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 | Spraying should be done after 15 days from 2 nd spray or while transformation of flowers into fruits. (Fruit setting stage) |



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| Rapid Defend | Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal |
| 2 pouches of Harit Sanjivani Soil Health Special 500 gms (Per acre) | In 60 to 70 days from picking spring or while transformation of flowers into fruits apply in soil by mixing with 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 Rapid (as required) Defend | Spraying should be done in 25 to 30 days after 3 rd spray. (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 |
| Harit Sanjivani Fruit Special 2gm + Spray Max-85 1ml per liter of water Rapid (as required) Defend | Spraying should be done in 25 to 30 days after 4 th spray. (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

| Tree age | Cow dung / compost manure (kg) (per tree) | Nitrogen (gm) (per tree) | Phosphorus (gm) (per tree) | Potash (gm) (per tree) |
|-----------------|---|--------------------------|----------------------------|------------------------|
| 1 year | 10 | 250 | 125 | 125 |
| 2 years | 20 | 250 | 125 | 125 |
| 3 year | 30 | 500 | 125 | 125 |
| 4 years | 40 | 500 | 125 | 250 |
| 5 years or more | 50 | 625 | 250 | 250 |



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Micronutrients: -

1. Mix Micronutrients 25 gm Per Tree, Sulphour (90% WDG) - Give 3 kg per acre with cow dung or compost.
2. For root knot nematodes, apply Neem powder 500 gm per tree.
3. Biological fertilizers such as Trichoderma, Pseudomonas, phosphorus soluble bacteria, Azotobacter, mix 25 gm per tree with cow dung or compost manure.

| Pomegranate diseases and Treatment | | Pomegranate diseases and Treatment | |
|--|---|---|---|
| Fungus: 1) Anthracnose  Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole (+) Captan 2 gm + Spray Max-85 1 ml | | 1) Cercospora  Treatment : Spraying (volume per liter) Defend 2 gm + Captan 2 gm + Spray Max-85 1 ml | |
| 2) Fruit rot (Phytophthora / Aspergillus) Treatment : Spraying (volume per liter) Defend 2 gm + Azoxystrobin 1 ml + Chlorothalonil 1 gm + Spray Max-85 1 ml | |  | |
| 3) Fungal wilt | | | |
|  Root rot |  Collar rot |  Shot hole borer with larva and pupa |  Root knot nematode |
| Root rot & Collar Rot: Treatment : Drenching (Volume per liter) Copper oxychloride - 3 gm + Validamycin 2 ml + Spray Max-85 1 ml | | | |
| Shot hole borer with larva & pupa: Treatment : Spraying on foot (Volume per liter) Clorocyper 2 ml + dichlorvose 1 ml + Spray Max-85 1 ml | | | |

Bacterial Blight

Treatment : Spraying (volume per liter)

(By drip irrigation or drenching **Fruit Special 1 kg Give in land per acre.**)

1) **Defend 2 gm** + Captan - 2 gm + streptocycline 6 gm / 50 L + **Spray Max-85** 1 ml

2) Copper oxychloride - 2 gm + streptocycline 6 gm / 50 L + **Spray Max-85** 1 ml



Sucking pest:

Thrips ,

Aphids, jussids,

Red mites,

White fly,

Leaf hopper



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

Mealybug: Treatment : (Volume per liter)

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



Pest:

Fruit borer

Fruit fly (golden fly)

Fruit Sacking Moth
(Kite)

Insecticide:(Volume per liter of water)

Emamectin 1 gm + dichlorvose 1 ml + **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 through drip irrigation.





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