

Harit sanjivani - Fruit special



is a proprietary research product containing carefully tested organic ingredients which trigger the metabolic activities going on in the plant system. The natural synthesis of various metabolites during physiological changes helps fulfil the demand of all the nutrients by pulling it from the soil.

Special features of Harit sanjivani fruit special:

- Harit sanjivani fruit special helps in lush green vegetative growth.
- Helps in better flowering.
- Helps in better fruit setting and fruit size.
- Helps in natural colour development of the fruits.
- Helps in enhanced keeping quality & better market price.

Application: Harit sanjivani fruit special is recommended for foliar spray on commercially important fruit crops like Mango, Pomegranate, Orange, Sweet Orange, Papaya, lemon, Grapes, Guava, Gooseberry, Sapota, Strawberry, Ber fruit, Fig, Custard apple, Apple, Black berry, Litchi, Pineapple, Pear, Tamarind, Almond, Cashew nut etc.

Dose: Harit sanjivani fruit special is recommended as foliar spray @ 1 gram of powder is dissolve in 1 litre of clean water for high volume sprayer (like knapsack) & 2 gram of powder is dissolve in 1 litre of clean water for low volume sprayer (power sprayer).

Compatibility: Harit sanjivani fruit special is compatible with most commonly used pesticides, fungicides, plant growth regulators etc. except with those having alkaline reaction or produces alkalinity. Still we recommend to go for jar test before mixing other product.

Harit Sanjivani – Soil Health Special (Nutrient efficiency enhancer)



What is Harit Sanjivani – Soil Health Special?

Harit Sanjivani – Soil Health Special is a proprietary research product derived from various organic sources of plant origin by natural extraction process. Harit Sanjivani – Soil Health Special contains natural soil conditioning substances for improving soil and plant health.

How Harit Sanjivani – Soil Health Special works?

It is 100% organic in nature and have an excellent ability of holding water almost by 7 times of its weight, which is greater water holding capacity than clay soil. This property enables roots to quickly access available nutrients required for vigorous plant growth and more yield with better quality produce.

Harit Sanjivani – Soil Health Special is exclusively recommended for soil application. This can be applied through drip irrigation, drenching and can be mixed with all kinds of fertilizers.

Doses: Harit Sanjivani – Soil Health Special is recommended @ 500 gm per acre and applied by mixing in well decomposed manure or vermicompost.

Combability: Harit Sanjivani – Soil Health Special is compatible with almost all kinds of fertilisers except highly acidic fertilisers.



RCM SPRAYMAX-85 (Non-ionic spray Adjuvant)

An Additive that Improves the Performance of a Pesticide.

RCM SPRAYMAX-85 work to improve the performance of pesticides do so by enhancing the reaction of the pesticide solution when it comes into contact with the leaf surface. **RCM SPRAYMAX-85** helps reduce surface tension to allow a pesticide to cover, penetrate and/or adhere to the leaf's surface depending on whether they have a non-ionic charge.

Spreaders

In order for many pesticides to perform to their full capacity, they must thoroughly coat all parts of the target plants. An even coating is extremely important for contact pesticides. However, because most pesticides are applied using water as the carrier, surface tension causes spray solution droplets to slide off of plant surfaces, leaving areas uncovered.

RCM SPRAYMAX-85 that reduce the surface tension of spray solution droplets to the point that they can spread and blend together to uniformly coat plant surfaces, avoiding costly runoff of spray material.

Stickers

Once a pesticide has been applied to a plant's surface, it must stay there long enough to perform its function. Rainstorms, fog, irrigation water and other environmental circumstances can cause pesticides to wash off before they have had a chance to work to their full potential. **RCM SPRAYMAX-85** that help pesticide spray solution droplets cover and adhere firmly to plant surfaces and resist being washed off.

Penetrants

Many pesticides must be able to penetrate into a plant's cuticle in order to perform effectively. This is not easy for pesticides to do because most leaves have a hairy, waxy surface that acts as a barrier to the cuticle.

Penetrants are spray adjuvants that cause the wax particles on a leaf's surface to stand upright, which opens up passage to the leaf's cuticle. This encourages rapid penetration of the pesticide which allows it to act quicker. Penetrants, because they allow rapid penetration, also make pesticides less vulnerable to breakdown by ultraviolet light.

Drift Control Agents

Most pesticides are applied to crops by means of some type of spray. The nozzle size, angle and Pressure with which the pesticides are applied can be controlled. However, many of the pesticides spray droplets may not reach their intended target. In fact, most small droplets drift away from the target, especially in windy conditions. This can be a very costly pesticide application problem, because droplets that are not on the intended target are either wasted in the air.

RCM SPRAYMAX-85 reduces spray mist by increasing the size of the droplets.

Compatibility Agents

Mixing an herbicide, an insecticide, a fungicide and a nutrient together in one tank is an accepted spraying method. The combination of products saves time. One application across the field can increase the number of pests controlled. However, these products are not necessarily compatible and may not mix uniformly. So, the time-saving method could become a costly waste of several products that are unable to perform because they

Are incompatible with each other.

Doses:

- For insecticides/fungicides: - 7 to 8 ml in 15 Ltr. Water.
- For herbicides: - 15 to 20 ml in 15 Ltr. Water.
- Drenching: - 250 to 500 ml for 1 acre.



Defend

Smart Features of Defend

- **RCM-Defend** eradicates organisms causing Downy mildew and phytophthora in the plant system.
- **RCM-Defend** can be used as bio stimulant to develop internal resistance against Oomycetes Class of fungi.
- **RCM-Defend** being systemic in action, ensures better absorption.
- **RCM-Defend** degraded product can be used by the plants as nutrients.
- **RCM-Defend** is ecologically safe and environmentally friendly.
- **RCM-Defend** is a water-soluble formulation based on potassium salt for phosphorus acid.
- **RCM-Defend** a product having systemic action working as a disease suppressor with protective & curative actions.
- **RCM-Defend** is also very popular on grape, pomegranate, tomato, chili, potato, brinjal, cardamom, arecanut etc.
- **RCM-Defend** is also very effective on cotton, soybean, all fruit crops, vegetable, and ornamental crops.
- **RCM-Defend** is well suited for foliar application & soil drench.

Dosage:

- 2 gm of RCM-Defend powder is dissolved in 1 litter of clean water for all types of agricultural and vegetable & fruit crops.
- 500 gm RCM-Defend powder use for 1 acre through drip irrigation or drenching.

Precaution: Spray **RCM-Defend** preferably at evening in high Humidity & low temperature conditions.

Compatibility: RCM – Defend is compatible with almost all fungicides, insecticides & water-soluble fertilizers We recommend to go for jar test. check the compatibility of RCM – Defend with an input to be used.

Harit Sanjivani Soil Health Special and Fruit Special treatment for Apple

Method of Application		Products to be used	Qty	Stage from Bahar Treatment
Mix with any chemical or organic fertilizer \40 to 50 kg dry soil \ Drip irrigation	1	Harit Sanjivani Soil Health Special +	500 gm for 50 Trees	In 1 to 30 days (Leaf Stage)
	2	Spraymax - 85	500 ml	
Spray	1	Harit Sanjivani Fruit Special +	1 gm / Ltr	In 15 to 20 days (Leaf Stage)
	2	Spraymax - 85	1 ml / Ltr	
Spray	1	Harit Sanjivani Fruit Special +	1 gm/Ltr	In 35 to 45 days (Flowering Stage)
	2	Defend	1.5 gm/Ltr	
	3	Spraymax - 85	1 ml/Ltr	
Spray	1	Harit Sanjivani Fruit Special +	2 gm/ Ltr	In 65 to 75 days (Setting Stage)
	3	Spraymax - 85	1 ml/Ltr	
Spray	1	Harit Sanjivani Fruit Special +	2 gm/ Ltr	Every 25 Days Interval (Fruit Development Stage)
	3	Defend (As per requirement)	1.5 gm/Ltr	
	4	Spraymax - 85	1 ml/Ltr	

Mix with any chemical or organic fertilizer \40 to 50 kg dry soil \ Drip irrigation	1	Harit Sanjivani Soil Health Special +	500 gm for 50 Trees	In 90 to 100 days (Fruit Development Stage)
	2	Spraymax - 85	500 ml	