

web: www.ratnakarfertilizerindustries.com



Government of India's Approved Organic Products

A photograph of a middle-aged man with a mustache, smiling warmly. He is wearing a white button-down shirt and a bright orange shawl draped over his shoulders. He stands with his hands on his hips in a vast, lush green field of low-growing plants, likely a crop field. The background is filled with more greenery and trees, suggesting a rural agricultural setting. The lighting is soft and natural, indicating a bright day.

We Fertilize
Happiness

Management



Chairman
Shri. Narendra Pandya

Shri. Narendra Pandya, Chairman Of M/s. Ratnakar Fertilizer Industries . Our manufacturing facility is located in Gandhinagar district, Village Santej, Gujarat. As far as my academic background, I graduated in 1968 with bachelor's degree in chemistry. I then persuaded further education with a degree in chemical technology specialized in food and bio technology.

After completing my study, I started my business in 1972 in manufacturing and formulation of pesticides and its intermediates. I then realized the adverse effect of pesticides and chemical fertilizer on mother earth and decided to focus on developing organic based agro products. In 1997, I started manufacturing bio-fertilizer on a small scale. For 10 years, I continued to find ways to develop product that results in higher yields and increase harvest quality. In 2007, I expanded my product offerings using latest research and technology. At present, I manufacture Flora, Super Flora, Flora Bio granules, Humic acid and Flowering enhancer, also called Zoom flower. All of our products are 100% organic and awarded NPOP certification by BUREAU VERITAS.



Managing Director
Shri Niravsinh Vaghela

Shri Niravsinh Vaghela is Managing Director and CEO of M/s. Ratnakar Fertilizer Industries . Masters in Marketing and 16 years of Marketing and Distribution Experience giving newer Heights in Growth of M/s. Ratnakar Fertilizer Industries . In his leadership company grown to leaps and bounds and today we have a strong brand and Satisfied Dealer Network throughout the country. I believe in Quality Products and End user value for money concept. Specially in Agriculture field I found this was missing so we made it our mission to provide Best Quality products with vast dealer network in place and constant Research in Bio technology. With these efforts in many states farmers started believing in Organic Fertilizers and its result giving capacity.

I strongly believe in Organic Fertilizer and value chain is future to Indian Market and with rich source of Land and farmers we can be a supplier of Agricultural products to the world.



Agriculture Expert
Shri. Natwarbhai Patel

Natwar bhai Mohandas Patel is Agriculture Expert and he has passed B.Sc. Agriculture examination in year 1972 from BA College of Agriculture, Anand. He served State Department of Agriculture for 36 years on various position like Agriculture Supervisor, Agriculture officer and Assistant Director of Agriculture. He is having expertise in farming system, farm management, agronomy, organic farming, pest management and biological control of insect and pest. He has also a very large experience in seed production. After retirement he has started social work in mission mode with Government schemes and NGOs to uplift farmers' economy, low cost farming, organic farming, fertilizer and pesticides free food, fodder and milk. His motto and Goal is " healthy India by healthy food " .

Today Organic Agriculture is a need of the time. Entire World is increasing organic food consumption day by day. Worldwide Soil's production capacity and fertility is continuously decreasing due to excessive uses of chemical fertilizers and pesticides and soil is becoming non-fertile and hard. Solution to this problem is to adopt Organic Agriculture sooner the better.



DHARTI RATNAM Available in 50 kg.

1. Dharti Ratnam is excellent granular fertilizer derived from bio technological process and is useful for soil improvement.
2. It increases the production and improves quality of the produces.
3. It increases the fertility of the soil and increases the disease resistance power of the soil and plant.
4. It is a food for soil bacteria and hence helps in increasing the bacterial population and microbial activity in the soil.
5. If used continuously then it helps in increasing production and reduces agricultural expenses year on year.
6. Regular uses of Dharti Ratnam granule reduce the requirement of other fertilizers.
7. Its granules are 100% soluble and hence fully (100%) available to the plant.
8. It provides nutrients to the roots that are present on upper part of the soil.

Application: Should be applied on the plant base at the time of sowing and after sowing along with the complimentary fertilizers.

- To save crop from extreme conditions (winter/rain) use the mixture of Ratnadip and Ratnamani (100 ml+100 ml)

RATNADIP Available in 250ml. | 500ml. | 1Lr.



Ratnadip is the excellent organic bio degradable supplement. It fulfills all the essential elements to the plant and helps in overall development of the plant.

Benefit of Ratnadip

1. Ratnadip contains Nitrogen, Phosphorus, Potassium, Organic Carbon, Organic Matter, Protein, Zinc and Boron etc which helps in instant development of the plant. It shows results in 15 days in organic way.
2. Ratnadip helps to increase the production. It increases immunity in the plant hence there is a decrease in plant's disease.
3. Produces are healthy, tasty and durable (self-life).
4. Ratnadip protect crops from extreme climatic conditions.
5. Ratnadip helps in stems and branches development, Increases flowering and increase conversion of fruits from flowers.
6. Ratnadip provides all the required elements that required for internal and external development of the plant.
7. Ratnadip helps to develop and increase the quality of the produce. It helps farmers to get more value for their crops or produces and Reduces cost of production

Application: Ratnadip should be used 3 times in a gap of 7-10 days in 30 days time.

Dose: 600ML/200 LITRE Water.



RATNAMANI

Available in 250ml. | 500ml. | 1Lr.

1. Ratnamani is rich in Nitrogen and Protein which helps in all round development of plant.
2. It increases number of flowerings / Frooting hence production.
3. It acts as a base for the plant to produce more flowering.
4. Ratnamani helps in stems and branch development, flowering and increase conversion of fruits /final product from flowers.
5. Ratnamani protects plants from extreme climatic conditions and prevents falling off the buds or flower.
6. It helps development of whole plants including more number of branches.

Application: Spray 2 times – 1) Just before the flowering and 2) In between of the flowering.

Dosage: 600ML/200 LITRE Water.



RATNASAGAR

Available in 250ml. | 500ml. | 1Lr.

1. It increases the capacity of soil to hold and store more water.
2. Helps in making more roots in the soil.
3. Make the soil more fertile.
4. It provides a basic requirement for crops grown under the soil as well as helps in development of Vegetables, Fruits & Sugarcane. It makes the fruits bigger & better.

Application: Along with First time watering of the season for the plant and through the drip.

Dosage: 2 liter per hectare with water.



RATNAKAR

Available in 500ml. | 1Lr. | 5Lr.

It's a mixture of various homogenized organic extracts obtained from animal and sea product origin that contains 17 different kinds of plant nutrients. These nutrients help increase fertility, microbial activity, and organic carbon content of the soil.

What does Ratnakar contain?

- 1 The 70% of Ratnakar consist of various extracts that contains amino acids, protein, peptides, phenols, homocyclic and heterocyclic compounds, aliphatic and aromatic compounds.
- 2 Various organic acids - 10%
- 3 Water extract from mineral containing natural trace elements and micronutrients - 5%
- 4 Solvent, emulsifier, preservative - 15%

Benefits:

Ratnakar is a very good soil conditioner. It improves the polluted soil. It chelates the unnecessary salt preserved in the soil and removes them. It preserves or restore the degraded land and converts into fertile land.

Application: with drip irrigation or with flood water, after applying first water
Dosage: 500ML/per acre



DRAUNA (Approved Pest Repellent)

Available in 100ml. | 250ml. | 500ml. | 1Lr.

- 1 1ST TIME IN INDIA – ORGANIC MICROBIAL INSECTICIDE EFFECTIVE AGAINST ALL LARVAS
- 2 Effective against : Cotton Army worm, Heliiothis, Boll Worm, Caterpillar, Cut worm including Fruit and Shoot Borer.
- 3 It makes leaf more softer and receptive to growth. So we can even expect higher production.
- 4 It makes crop residue free so can demand higher prices of crop.
- 5 DRAUNA is Organic based pest repellent. Can be compatible with most of pesticides, Fungicides and PGRs.
- 6 Can Replace : Lamdacyhelothrin, Cypermethrin, Emamectin Benzote, Alphamethrin, Deltamethrin, Novaluron, Cartep Hydrochloride.

Application: Drauna is organic based pest repellent. Make separate solution before pour in the sprayer tank and shake well before use.

Can be compatible with most of Pesticides, Fungicides and PGRs.

Dosage: 3 ml per Liter of water.

ASHWAMEGH (Organic Fungus Repellent)

Available in 100ml. | 250ml. | 500ml. | 1Lr.



- 1 Microbial based fungicide effective against: OOMYCETES Group of Fungi- Phytophthora, Plasmapara etc, Soil Borne Pathogens – Fusarium, Rhizoctonia, Sclerotium etc.
- 2 Works with both Prophylactic and Curative properties and gives longer protection from target pathogens.
- 3 It contains systemic compounds helps in translocation both basipetally and acropetally whether applied to roots or leaves.
- 4 Very Much Effective in Virus kinds of diseases spl crops like : Chilly, Tomato, Potato and Cumin etc.
- 5 Can Replace : Mancozeb, Carbendazine, Metalaxyl, Thiophenete Methyl , Copper Pxychloride etc..

Application: Ashwamegh is organic based fungicide. Make separate solution before pour in the sprayer tank and shake well before use.

Can be compatible with most of Pesticides, Fungicides and PGRs.

Dosage: 3 ml per Liter of water.

LUV KUSH (Organic Pesticide for Sucking Pest)

Available in 100ml. | 250ml. | 500ml. | 1Lr.



- 1 1st time in India – Microbial Insecticide effective against all kind of Sucking Pests like White Fly, Mealy Bugs, Thrips, Jassid, Leaf Minor etc..
- 2 Product contains microbial compounds which act as nerve poison and also causes cuticle aberration.
- 3 DRAUNA is Organic based pest repellent. Can be compatible with most of pesticides, Fungicides and PGRs.
- 4 Can Replace : Lamdacyhelothrin, Cypermethrin, Profenophos, Acetamidpride, Imidaclopride, Profenophos + Cypermethrin, Acephate.

Application: Luv kush is organic based pest repellent. Make separate solution before pour in the sprayer tank and shake well before use.

Can be compatible with most of Pesticides, Fungicides and PGRs.

Dosage: 3 ml per Liter of water.

Wheat-Rice

1. At the time of sowing **Darti Ratnam** granule should be used @ 125 kg/hectare.
2. After 15 days of sowing **Ratnadip** @ 50ml/15 liter Spray Pump.
3. **Ratnamani** 50 ml after 25 days of sowing.
4. Spray **Ratnadip**+ **Ratnamani** (50 ml + 50 ml) after 35 days of sowing.



Mango

1. Make a rectangle around the tree's trunk. Make 4 pits on 4 corners. Mix 250 ml **Ratnadip** in 50 liter water and pour it in to that along with compost of cow dung.
2. After that make a circular hot bed covering these 4 pits inside it and fill the bed with water. Repeat this process after 20 days. it will help in development of roots, branches and fruits.
3. Spray **Ratnadip**+ **Ratnamani** (50 ml+50 ml) on the tree before 10 days of flowering.
4. Second spray same as above after 10 days of flowering. It will increase the flowering and help more conversion in mango.



Grapes

1. After branch pruning apply **Dharti Ratnam** granule 150 kg/hectare.
2. Spray **Ratnadip**+ **Ratnamani** (50 ml+50 ml) on the tree before 7 days of flowering. It will boost in good flowering.
3. Second spray same as above after 10 days of flowering. Spray on the plant helps in buildup of good grapes.
4. Spray **Ratnadip** 50ml/pump after 20 days of grapes formation.
5. Spray **Ratnadip** 50ml/pump after 40 days. This will increase the output of grapes.



Vegetables:

Ladies Finger, Brinjal, Tomato, Chili, Cabbage, Cauliflower, Bitter Gourd, Gourd...

1. On sowing apply **Dharti Ratnam** granule 150 kg/hectare.
2. Spray **Ratnadip** 50ml/15 liter (per pump) after 20 days of sowing.
3. Spray **Ratnadip**+ **Ratnamani** (50 ml+50 ml) in between 35- 50 days.
4. Spray **Ratnadip**+ **Ratnamani** (50 ml+50 ml) after 50 days. Repeat again to increase the produce.



Cotton BT

1. On sowing apply **Dharti Ratnam** granule 100 kg/hectare.
2. Spray **Ratnadip** 50ml/15 liter (per pump) after 20 days of sowing.
3. Spray **Ratnadip**+ **Ratnamani** (50 ml+50 ml) after 35 days.
4. Spray **Ratnadip**+ **Ratnamani** (50 ml+ 50 ml) in between 50-60 days from sowing.
5. Spray **Ratnadip** 50ml after 70 days of showing.



Sugarcane

1. On sowing apply **Dharti Ratnam** granule 150 kg/hectare.
2. Drip **Ratnasagar** 50ml/15-liter pump after showing.
3. Spray **Ratnadip**+ **Ratnasagar** (500ml + 500 ml) per 15-liter pump after 15 days of sowing. Repeat this 3 times at a gap of 25 days.



Potato, Onion, Garlic

1. On sowing apply **Dharti Ratnam** granule 150 kg/hectare
2. 2 liter/ hectare **Ratnasagar** on first watering.
3. Spray **Ratnadip** 50ml/15-liter pump after 20 days of showing
4. Spray **Ratnadip**+ **Ratnasagar** (50 ml+50 ml) per 15-liter pump after 30 days of sowir
5. Spray **Ratnadip**+ **Ratnasagar** (50 ml+50 ml) per 15-liter pump after 40 days of sowir
6. Spray **Ratnadip** 50ml/15-liter pump after 55 days of showing



Farmers who has taken more produce through our Products



Mahendrasinh Vaghela
Sanand, Gujarat
(Vegetables)
9898779103



Jagishsinh Vaghela
Sanand, Gujarat
(Rice & Wheat)
9898242726



Dilipsinh Vaghela
Sanand, Gujarat
(Rice)
7878684142



Sahadevsinh Vaghela,
Sanand, Gujarat
(Rice)
9978244405



Dangji
Pratapgarh, Rajasthan
(Afim, Soyabean)
9413044092



Parmatama Singh
Sriganganagar, Rajasthan
(Wheat, Cotton)
9828406024



Karamjit Singh
Sriganganagar, Rajasthan
(Wheat, Cotton)
9799084224



Labha Singh
Sriganganagar, Rajasthan
(Wheat, Cotton)
9799692618



Sundarlal Nagwanshi
Chindwara, MP
(Tomato, Potato)
9893750807



Sushma Sharma
Chindwara, MP
(Cauliflower)
9669318855



Suraj Mohray
Chindwara, MP
(Wheat)
9685846228



Rakesh Kushwaha
Chindwara, MP
(Tomato, Potato)
8319284906



Sanjay Gawali
Nashik, Maharashtra
(Onion)
9423391481



Vishwanath Thete
Nashik, Maharashtra
(Tomato)
9657939711



Sukhdev Tambere
Nashik, Maharashtra
(Grapes)
9604999138



Tanaji Bodke
Nashik, Maharashtra
(Vegetables)
8390678678

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Fertilizer Industries

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