

#### Advantages :

- ▶ They supply plant nutrients including micro nutrients.
- ▶ They improve soil physical properties like structure, water holding capacity etc.,
- ▶ They increase the availability of nutrients.
- ▶ Plant parasitic nematodes and fungi are controlled to some extent by altering the balance of microorganisms in the soil.

#### Enriched Organic Granules

It is made by natural friendly Technology. Organic Manure is granulated in round shape and this product is combination of organic manures, nutrients, Seaweed Liquids, Humic acids, Bio fertilizer and Micro nutrients results in all rounds healthy of the plant. Enriched organic granule ensures the healthy growth of the plant and thereby resulting in higher yield and better quality.

Crops recommended: For all crops Dosage : 10Kgs/acre

#### PHOSPHATE RICH ORGANIC MANURE (PROM)

Phosphate rich organic manure is a type of organic manure used as an alternative to diammonium phosphate and single super phosphate.

Directly mixing finely ground rock phosphate mineral into organic manure produces a fertilizer known as phosphate rich organic manure (PROM)

Micro organisms produce organic acids and heat, allowing the slow dissolution of phosphorus from rock phosphate dust added to the soil, allowing more phosphorus uptake by the plant roots.

Dosage :250 kgs / acre.

#### SOIL CONDITIONER Ca : Mg : S (15:5:10)

Soil conditioners repair damaged soil and help maintain the soil quality for plant life. Over time soil will become compacted soil conditioners help to loosen the soil as well as replenish and maintain nutrients in order for the plants to flourish. For the best result it is important to mix the soil and the soil conditioner before planting. Though some soil conditioners do work better when placed on top of the soil after planting the crop.

Dosage :250 Kgs / acre.

**BIO FERTILIZERS** - All types of Bio Fertilizers, Azospirillum, Phosphaterium, Rhizobium, Azotobacter, VAM, Pseudomonas fluorescens, Trichoderma Vi ride - For All crops

**MICRO NUTRIENTS** - '41-for Basal / Foliar applications - For All Crops



# MARS MINERALS

## TRADING AGENCY



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Cer. No : 144190A



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## COMPANY PROFILE

**MARS MINERALS TRADING AGENCY** is professionally managed company and having 10 years of technical experience offers a wide range of Organic Inputs mainly various types of neem based products like Neem Oil Cake, Neem Pellets, Neem Kernel Cake, Neem Oil, Neem leaf powder, Castor cake, Pungam cake, Mahua cake, Phosphate rich Organic Manure (PROM), Organic Granule, Organic Manure, Soil conditioner for sustainable organic Agriculture and Horticulture.

These products specifically address the degradation and threat posed to human health as a result of chemical inputs. MARS MINERALS TRADING AGENCY products are safe to use and help to increase crop yields. MARS MINERALS TRADING AGENCY is one of the major producers of Neem cake in South India. and products have been used in integrated crop and pest management systems.

### NEW OIL

Neem oil is produced by natural way without heat chemicals, Petrochemical and retains all the well balanced ingredients in the oil. It is non toxic to human beings, animals, birds, and earth worms, Neem oil is high pure derived from Neem seed Kernels.



### APPLICATIONS:

- A. Neem Oil for agriculture (Azad 300 ppm, Azad 1500 ppm, Azad 3000 ppm, Azad 10000 ppm, Azad 50000 ppm)
1. Organic farming input in soil for nematodes and soil based input control.
2. Neem oil is non toxic to beneficial organisms.
3. Neem oil is effective against more than 208 species of insect pests, some of whom are resistant to chemical pesticides or are otherwise difficult to control.
4. Neem Oil is effective against sucking insects and chewing insects.

**USAGE AND DOSAGE :** 5ml to 7 ml per liter of water. Emulsified neem oil can easily be diluted with water to make a colloidal suspension which should be sprayed on the crop.

**B. Neem oil for Human Health / Animal Health / Cosmetics Applications.**

### NEEM CAKE ORGANIC MANURE

Neem cake is a Natural organic Manure and has shown tremendous potentials of nutrients and is widely used for sustainable agriculture as well as horticulture applications.

Neem cake Manure is available in the following forms for the easy applications in the fields and provide slow and steady nourishment, stimulation, protection from soil nematodes and insect, improve yields and quality of product like taste, flavour amino acid composition etc.

**A. Neem Fruit Cake**

**B. Neem Kernel Cake**

**(Available in flake form, powder form, granule and pellet form)**



### Typical Specifications :

Nitrogen (N)	: 2.5%	Oil content	: 5-6%
Phosphorous (p2o5)	: 0.5 to 1%	Azadraction	: <500 ppm
Pottasium (k20)	: 0.75 to 1%	Dosage	: 500 kg / hect

### Mode of action or Advantage

1. Neem cake is active in increasing the growth, leafage, results in rich blossoming, strengthening the roots and improving the general appearance of fruits & Vegetables.
2. While applied in conjunction with any Nitrogenous fertilizers, shows the conversion of Nitrogenous compounds into Nitrogen gas, thus making Nitrogen available to the plants for a longer duration.
3. It prevents and treats aliment disorders of plants due to lack or imbalance of Nutritious and trace elements.
4. It accelerates root development and overall plant growth and protects the plant from Nematodes and white ants.
5. It is a totally organic plant food which increases productivity and soil fertility.
6. It has antifungal properties and highly suitable for application in Green.

### Applications:

- a. Neem cake can be mixed with chemical fertilizers or organic manures.
- b. Neem fertilizers is applied in and around the roots of the plants.
- c. The desired quantity of neem cake is applied in the soil and worked out in the resulting in proper blending of neem cake.

### MAHUA CAKE

Mahua cake is obtained after extracting the oil from Mahua seeds.

Dosage: 250 Kgs / acre.

### CASTOR CAKE

Castor Cake is a natural nitrogen fertilizer and produced from castor seed. This is plant origin rich in nitrogen, trace elements and organic matter. It is a simple manure, which acts progressively that encourages soil microbial activity. Dosage : 250 Kgs / acre.

### PUNGAM CAKE

Pongamia cake is a natural source of nitrogen, it reduces cultivation cost. It gives various plant nutrients to crops. And also it protects crop from the insects, soil born pathogens, nematodes and bacteria.

Dosage : 250 Kgs / acre.

### MULTI CAKE

Multi cake is a combination of neem cake, mahua cake, pungam cake, castor cake, seaweed extract, humic acid, amino acids etc.,. It contains rich in available Nitrogen, phosphates, rich in potash and other micro nutrients.

Dosage : 500 Kgs / acre.

### ORGANIC MANURES:

Organic manures contains mixtures of poultry litter, neem cake, pressmud, coirpith, etc with readily available plant primary and secondary nutrients.

Dosage : 500 Kgs / acre.