

AWARDS & ACHIVEMENTS



THE NATIONAL AWARD - 2014 FOR UNDERSTANDING ENTREPRENEURSHIP BY GOVERNMENT OF INDIA

Mr. Bhushan Goel, Chairman, Prabhat Fertilizer & Chemical works receiving the award from the honourable cabinet minister of India Mr. K. Raju Mishra



MSME ZED GOLD - 2023 UNDER MSME Sustainable Certification Scheme

Mr. Bhushan Goel, Chairman, Prabhat Fertilizer & Chemical works receiving the certification from the honourable union minister of India Shri. Narayan Rane

THE FIRST NATIONAL QUALITY AWARD 2012 FOR BIOTECHNOLOGICAL PRODUCTS BY GOVERNMENT OF INDIA

Mr. Prashant Goyal, Managing Director, Prabhat Fertilizer & Chemical Works receiving the Award From The Honourable Prime Minister of India Mr. Manmohan Singh



CERTIFICATIONS



Prabhat
GROWTH SPRINGS FROM ROOTS



MSME
NATIONAL AWARD WINNER



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About Us

Prabhat Fertilizer & Chemical Works has been the pioneer in the business of manufacturing & exporter of Agriculture inputs in India since 1974 under the chairmanship of Shri Bhushan Goel. The company has the most modern and state of art manufacturing facility In Karnal, Haryana.

We have been the trendsetter in the field of Micronutrients namely Zinc Sulphate Heptahydrate, Zinc Sulphate Monohydrate, Magnesium sulphate, Ferrous Sulphate, Boron, Manganese Sulphate, Micronutrient Mixture & Chealted Zinc. With unmatched quality & massive production capacity of each product, we are counted among the leading suppliers of Micronutrients in India.

As mentioned above we have a state of art manufacturing facility compliant with cGMP norms. Our production facility is well equipped with all modern plants & machinery and adequate supporting utilities to establish a huge production capacity. To ensure the best product quality we have one classified microbiology laboratory in addition to a micronutrient analytical lab with the most sophisticated quality control equipment with the latest technology.

We have well-qualified quality control team to establish our strict adherence to all the quality norms to deliver a quality product. In addition, we do nave a separate Research & Development division equipped with most modern experimental facility to study & Improve the quality of our products and further for the development of eco-friendly & safe products as well.

Zinc Sulphate Heptahydrate 21% and 22%: Growing production of medicine for Zinc deficiency Is also expected to benefit the sales of Zinc Sulpnate in coming years. In addition to the increasing consumption of Zinc Sulphate tin the production of rayon fiber is expected to propel the demand.

Zinc Sulphate Monohydrate 35% Powder: Zinc Mononydrate Is a salt of Zinc and Sulphuric Acid, which Is used in a variety of dietary supplements. This is also needed by animals in order to avoid deficiency. It prevents cremilation of the fiber surface. The Global Zinc Sulphate market was valued at around U.S. \$1.6 Billion in 2021 and it is expected to have a valuation of U.S. \$3.1 Billion by 2032.

Zinc Sulphate Monohydrate 33% Granular: This is an exclusive product having a white hard round Granular form of Zinc Sulphate Monohydrate 33% in two different sizes 1-2 mm and 2-4 mm. This product has got wide acceptability in Agriculture due to its granular form which makes it user-friendly for farmers for its application in farms.

« Zinc Sulphate Monohydrate granules are soluble in water

« Zinc Granules are easy to apply and provide even distribution of the element in every corner of the field at an equal rate.

«It is suitable for mechanized application at large scale. It can also be applied with ferti-drill.

«It's bonding with specialized organic matter release of zinc helps in slow which minimizes the loss and makes the Zinc content available to the plants for a prolonged period for maximum utilization.

FEED GRADE | AGRICULTURE GRADE | TECHNICAL / INDUSTRIAL GRADE

Zinc Sulphate is a combination of sulphur and zinc. It is an herbicide typically used for moss control. The toxicity of zinc sulphate depends on the amount of zinc In the product zinc Is an essential mineral for human, animal, and plant nutrition. Zinc can be found naturally in the environment, food, and water. Zinc Sulphate is used in a variety of industries including agrochemical, chemical, synthetic fibers, and water treatment. Zinc sulphate Monohydrate Is widely used In the pharmaceutical sector for the manufacturing of medicines. It is also a prescription drug used to treat zinc deficiency. Zinc sulphate works to promote the growth and development of healthy tissues In the body.



Magnesium Sulphate Mg 9.5%, a water-soluble salt formulation containing Magnesium sulphate Is a combination of magnesium and sulphur; both nutrients are beneficial for plant health. Magnesium sulphate Is used In liquid soaps, detergents and rinsing agents to regulate viscosity. Industrial salt is used as the basic material for detergent processing. It acts as an effective adsorbent for Industrial wastewater treatment and helps neutralize. Due to Its versatile nature and range of properties, magnesium salt Is used In various Industries, including pharmaceuticals, Personal care food & beverage.



Ferrous Sulphate Fe 19% It is used in gold refining to precipitate metallic gold from auric chloride solution (gold dissolved in solution with aqua regia, a mixture of nitric acid and hydrochloric acid). Ferrous sulphate Is a blue-green chemical and Its uses Include In applications in medicine, ink, dye manufacturing, and the paper industry.



Appearance: white crystals (anhydrous) white

Solubility in Water: monohydrate: 44.69 g/100

Chemical Formula: FeSO4

DENSITY: 3.65G/CM3 (ANHYDROUS)3G/CM3

Copper Sulphate Cu 24% can be used as a Fertilizer or Fungicide. [his product is commonly used by gardeners and commercial farmers to control Fungus and Mold. When soil is copper-deficient, young plants may develop chlorosis, a condition in which leaves are yellow due to a lack of chlorophyll. Copper deficiencies can also cause stunted or atypical growth; young plants In very nutrient-deficient soil may simply die. Wilting, lack of flowers, and reduced fruit harvest are all likely effects of copper-deficient soll. Prabhat copper sulphate enriches the soil and provides an essential nutrient for growing plants. It prevents the above problems.



Zinc EDTA 12% is one of the essential micronutrients which crucial for plant growth. Zinc is required by several enzyme systems, auxins and protein synthesis, in seed production & rate of maturity. Therefore a Zinc deficiency in soil results in stunted plant growth, prolonged duration & poor yields. A severe deficiency can kill the crop. PRABHAT EDTA Zn is a free flowing white colour powder formulation containing 12% Zinc, Which is widely used for curing mineral deficiency of the plants especially Zinc.

IRON EDTA 12% is an essential nutrient needed by plants to function. Chelated iron like this is a Water soluble Iron Supplement which plants can easily use.

Manganese Sulphate: finds the number of uses In various Industries. It is used in textile dyeing and calico printing, for red glazes on porcelain. Manganese sulphate Is a metal sulphate in which the metal component Is manganese In the +2 oxidation state; it has a role as a nutraceutical. It is used as a livestock supplement and In some glazes, varnishes, ceramics, etc. It helps in the prevention of corrosion of manganese and aluminum-containing alloys. It is used In the medicine industry for the manufacturing of medicinal drugs and dietary supplements.



Boron 20%: Boron is an essential element for plant development, growth, crop yield & Seed development by helping the transfer of water & nutrition in plants. Focuses on boric acid and Inorganic borates, borax (e.g., disodium tetraborate decahydrate) disodium octaboratetetranhydrate.

The major uses are:

Glass (e.g.thermally stable borosilicate glass)

Ceramics (e.g. tile glazes)

Detergents (e.g. sodium perborate in laundry detergent)

Bleaches (e.g. household and industrial stain removers)



