



**BIOFIELD  
SCIENCES PVT. LTD.**

**INNOVATIVE**

**INNOVATIVE  
FINE CHEMICALS**

Delivering high performance  
plant nutrition solutions



Improve the  
**Health & Productivity**  
of Soil & Plant







## About Us

BSK group manufactures specialty products to serve wide spectrum of industries like fertilizer, rubber, paper, sugar, distillery, automobile, engineering, chemical and agro processing industries. It commands very high reputation among all stakeholders including customers and suppliers. Our strong Research & Development approach complemented with knowledge base, transparent ethical business philosophy, fair business practices have a great contribution to our continuous business growth. We have researched, developed, manufactured and marketed several industrial products to meet the unique needs of a specific market or as a “problem solving” solution for our customers.

## Vision

“To develop sustainable business practice in our products and services both profitable and responsibly by optimally utilizing the natural resources and conserving them to benefit future generations through sustainable growth. “

## Mission

To provide viable solutions for our customer's problems through sound scientific research, precise and efficient manufacturing and a strong commitment to offer support and service in timely and cost effective manner.

## Our Philosophy

Sustainable business is built on trust. It is our policy to provide most cost effective solutions to all our customers. We ensure maximum returns to our customers when they invest in our product.

- ▶ Increase the profitability of our customer by reducing input cost through our cost effective quality products and making processes simpler.
- ▶ Share the extra profit so earned through our products and services on equitable basis.
- ▶ Customer should always win and earn more in all dealings with us.

## Core Values

Integrity cannot be bought or sold, it must be earned. We will not compromise on it for short term gain or advantage. We will stand tall in front of our associates and customers and never look the other way. Mishaps and problems will not alter our course; we will look at them as opportunity for growth as individuals and as a company.

## Environment

Mother earth is fragile and must be handled gently, so we must be good stewards of our environment. Earth's resources are finite and we will give back through recycling and green technology whenever and wherever possible. BSK group believes it to be less expensive to develop safe chemistry today rather than clean up bad chemistry tomorrow.



# Strengthen Crops with Vital Nutrients



# Biofield Silicate (Powder)

When it comes to the many threats that plant face like unexpected cold, surges in heat, wind ,stress etc, the stronger the plant, higher the resistance. **Biofield Silicate** in powder form helps you build a superior level of protection while providing vital supplements that your plants needs for growth.

**Biofield Silicate** is suitable for all types of plants and during all stages of growth. It improves plant structure and strengthens foliar development of the plant.

## Benefits of Using Biofield Silicate:

- ▶ Biofield Silicate helps build the plant defense from attacks by insects & fungi.
- ▶ Increases tolerance of environment stress, heat, cold, drought and soil toxicity.
- ▶ Enhances the plant's ability to keep the leaves pointed towards the light source.
- ▶ Biofield silicate increases the plant strength.
- ▶ Reduces damages from sucking pests.
- ▶ Makes cell walls thicker which reduces moisture loss & post harvest breakdown.

## Directions for use :

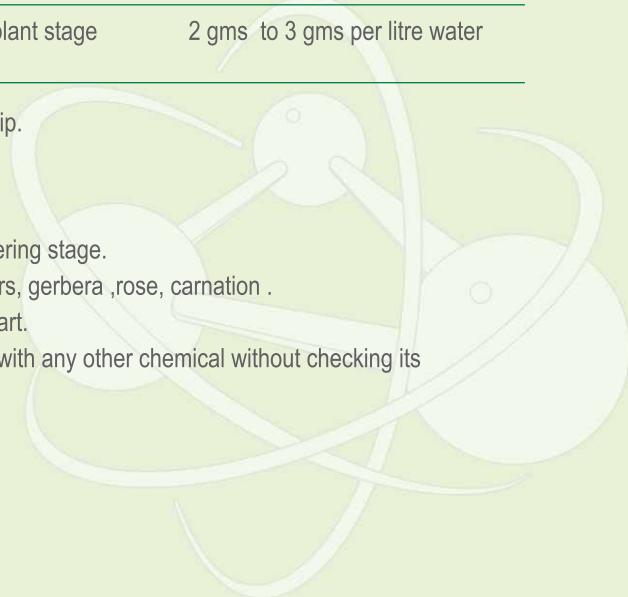
### Foliar Applications :

Crops	Stage	Rate
Wheat, Corn, Rice	(1) young plant stage	2 gms to 3 gms per litre water.
	(2) Growing stage	3 gms to 4 gms per litre water.
Sugarcane	Growth stage 3 to 4 times every 30 days.	3 gms to 5 gms per litre water.
Table grapes & wine Grapes, Banana	Pre-flowering	2 gms to 3 gms per litre water.
Gerbera, Rice, carnation Cut flowers etc.	Pre-flowering (1 to 2 treatment)	2 gms per litres water.
Leafy Vegetables	Every 10-15 days	1 gms to 2 gms per litre water
Fruit bearing Vegetables.	young plant stage	2 gms to 3 gms per litre water

**Fertigation :** 1.5 kgs to 2.0 kgs per Acre through drip.

## Important Note on Application :

- ▶ Do not Apply during flowering .
- ▶ Do not spray on open flower during flowering stage.
- ▶ Spray at pre-flowering stage of cut flowers, gerbera ,rose, carnation .
- ▶ Do not apply spray less than 10 days apart.
- ▶ Use Biofield silicate alone. Do not mix it with any other chemical without checking its compatibility.





# Enhance the Fertility of Soil



# Humifield

## Potassium Humate-98%

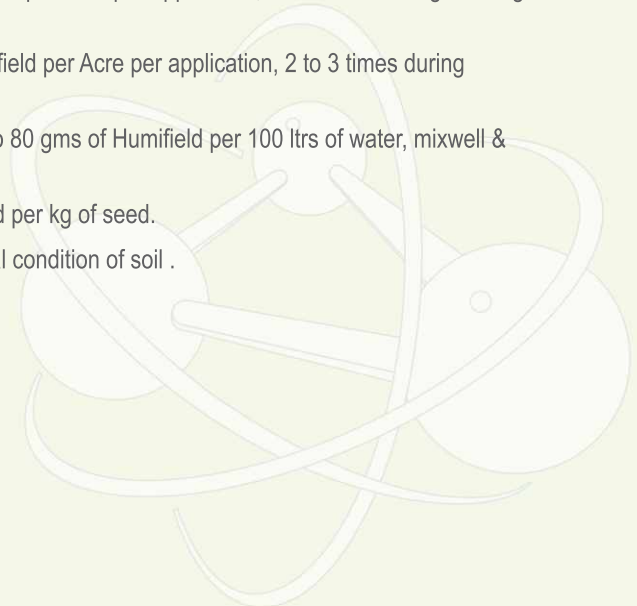
Potassium Humate is an organic water soluble humic substance. It is a good plant growth stimulant acting on soil and plants. It improves soil physical property, ion exchange capacity, and water holding capacity, drought tolerance ability, protects plants from physical / soil stress and increases soil microorganism's biological activity. This also prevents loss of nutrients from soil and act as a storehouse by keeping plant nutrients in soil. It increases crop growth and yield, soil fertility and reduces use of chemical fertilizers.

### Composition :

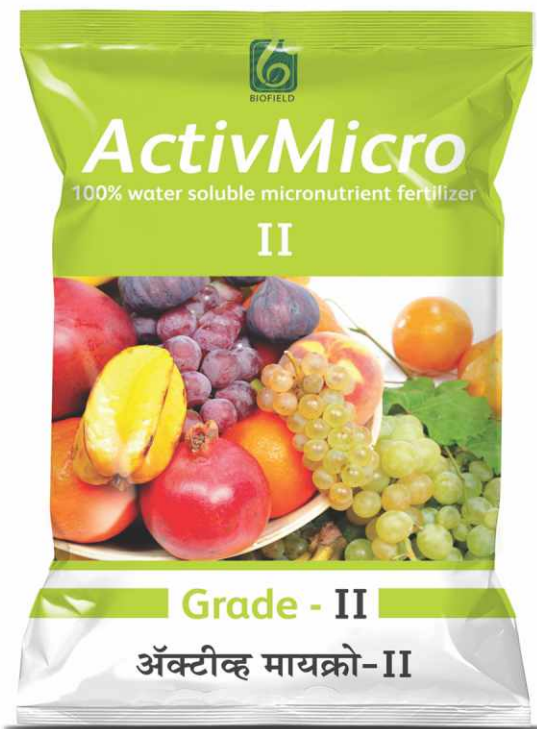
Sr.No.	Parameter	%(Dry basis)
1	Appearance	Free flowing granules
2	Humic Acid	65 to 70
3	Fulvic Acid	16 to 17
4	Potassium (as k <sub>2</sub> O)	11 to 13
5	Organic Matter & Moisture	Less than 10
6	Solubility	Soluble in water

### Doses & Applications :

- ▶ Soil Applications : 1 kg to 2 kg of Humifield per Acre per application, 2 to 3 times during seeding stage & growth stage.
- ▶ Drip Application : 1/2 kg. to 1 kg of Humifield per Acre per application, 2 to 3 times during seedling stage & growth stage.
- ▶ Seedling & Root Dipping : Add 40 gms to 80 gms of Humifield per 100 ltrs of water, mixwell & use this solution for root dipping.
- ▶ Seed Treatment : 2 to 4 gms of Humifield per kg of seed.
- ▶ Doses depend upon physical & biological condition of soil .
- ▶ Packing : 1 kg.









# Active Micro 1

## Soil Application only

Active Micro is multimicronutrient specially formulated for soil application as per Maharashtra state Grade 1. It is 100% water soluble.

### Features & Benefits :

**ActiveMicro -1** contains adequate and necessary water soluble micronutrients .

All micronutrients like zinc, copper, ferrous, manganese & Boron are in right proportion as required by the crops.

Most suitable for drip application (fertigation) and soil application for all crops.

Highly economical and useful for sugarcane , vegetables, fruits and all oil seed crops.

### Recommended Crops:

Sugarcane, Banana, grapes, pomegranate, Soybean, cotton, corn, vegetables & other crops.

### Mode of Application :

ActiveMicro -1 can be mixed with good quality compost or organic manure and broadcast to the soil.

Active Micro -1 can also be applied through drip by dissolving in sufficient quantity of water in fertigation tank.

### Doses :

Sugar cane , grapes, Banana & other annual crops : 25 kg per acre.

Vegetables and other field crops : 10 kg per acre.

### COMPOSITION :

Active Micro-1

As per Maharashtra state Grade - 1

Nutrient content	by weight minimum
Zinc	5.00%
Copper	0.50%
Iron	2.00%
Manganese	1.00 %
Boron	1.00%

# Active Micro 2

A multi-micronutrient formulation which is 100% soluble in water.

pH stability range-4.0-7.5 (in aqueous solution)

Use of **ActivMicro 2** results in complete and quick absorption of all nutrients, particularly during critical deficiency period. This makes the crop healthy and resistant to diseases and result in maximum yield. **ActivMicro 2** contains magnesium and sulphur for better results. It dissolves in water completely and rapidly.

It can be used for drip irrigation and hydroponics.

Recommended Crops: Grapes, Pomegranate, Cotton, Sugarcane, Tea, Flowers, Vegetables, Fruits and all greenhouse crops.

**Rate of Application :** Dissolve 0.5-1.0 g of ActivMicro per liter of water for foliar application. Use 500-1000g per hectare per spray. Use 2.0-2.5 kg of ActivMicro per hectare per application for drip irrigation. The quantity used per spray and the number of doses per crop may be decided depending on the severity of deficiency.

Caution: Store in a cool and dry place. Keep away from children.

### COMPOSITION :

As per Maharashtra State Grade- II

Nutrient content	% weight minimum
Zinc	3.00%
Copper	1%
Iron	2.5%
Manganese	1 %
Boron	0.5%
Molybdenum	0.1%

# Enrich Crops with Vital Nutrients





# ActiveMicro 11

## (Cotton Special) (Foliar)

### Composition :

Active Micronutrient	%
Zinc	5
Ferrous	2.5
Boron	0.5

### Properties & Benefits :

Soluble in water

Contains all types of micronutrients in balanced and required proportion of cotton crop.

All the micronutrients are made available immediately.

“No scorching of the leaves”

Crop recovers fast from the hailstorm & other sudden shocks.

Availability of other micronutrients is also increased.

**Recommended crops :** Cotton crop.

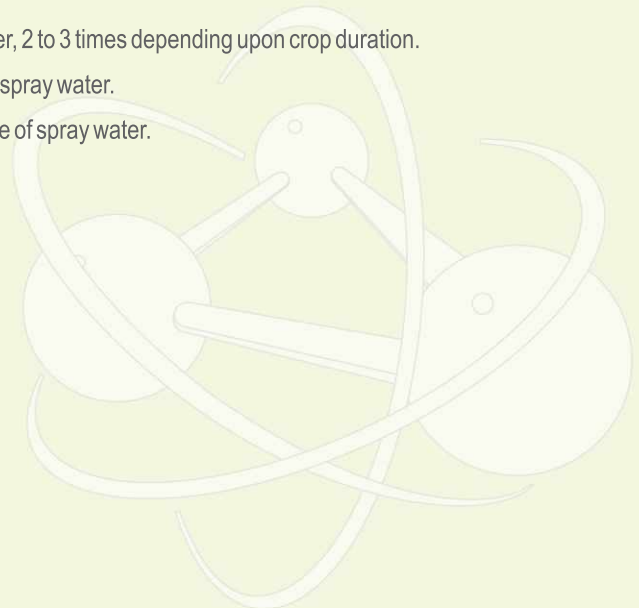
### Doses :

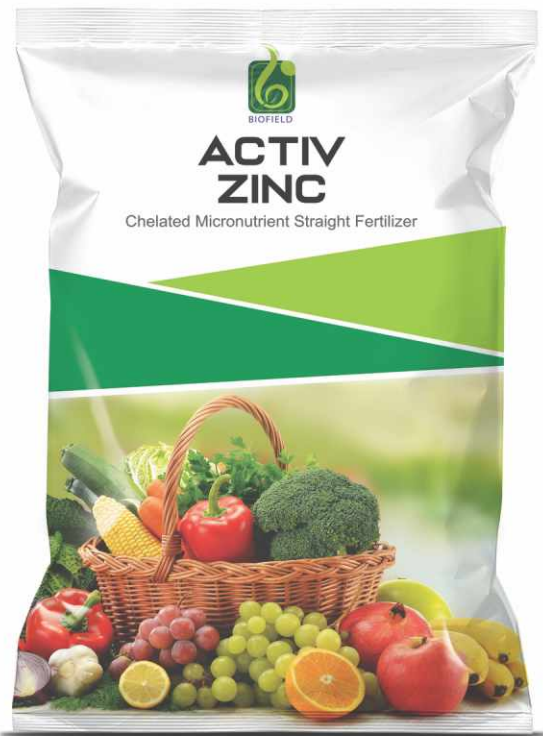
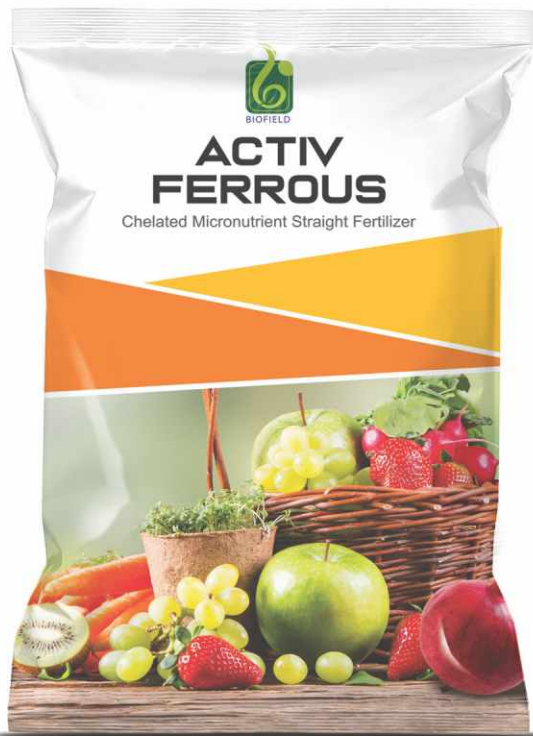
**Foliar Application :** 2 to 3 gms per litre of spray water, 2 to 3 times depending upon crop duration.

30 gms to 40 gms per 15 litre of spray water.

400 gms to 500 gms per 200 litre of spray water.

**Packing** : 1 kg.







# ACTIV FERROUS

## Chelated Micronutrient Straight Fertilizer

Iron is one of the most important micro-nutrients required for plants, trees and lawn. Although most soils have plenty of iron, usually it is not available for plants and that's why iron deficiency is very common in plants and it is also known as chlorosis (yellowing of leaves).

### Main features and benefits :

- ▶ Great to improve or prevent chlorosis (yellowing of leaves)
- ▶ Great for foliage sprays (100% water soluble)
- ▶ Contains 12% Fe.
- ▶ Suitable for hydroponics and soil usage.

# ACTIV ZINC

## Chelated Micronutrient Straight Fertilizer

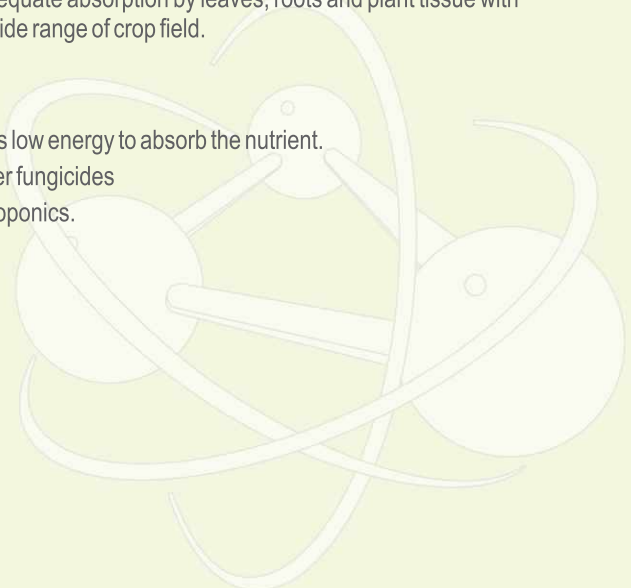
Zinc is an essential micronutrient for plant growth. Zinc fertilizer usually comes in two forms: Chelated Zinc EDTA and Zinc Sulphate. Because chelated zinc is readily available for plants to absorb, it will improve zinc deficiencies faster.

Chelated ZINC EDTA fertilizer is compatible with other fertilizers and nutrients and is ideal for maintenance application before deficiency appears. Chelated Zinc EDTA is highly efficient and available to support plant growth, resulting in higher yields. This fertilizer can be used from seedlings to the mid-season application which can be done through irrigation or foliar sprays.

In addition to being highly water soluble, chelated zinc EDTA holds onto trace elements thus preventing precipitation with other components. This ensures adequate absorption by leaves, roots and plant tissue with a broad compatibility. It is compatible and useful in a wide range of crop field.

### Main features and benefits :

- ▶ Has highly and fully chelated zinc element.
- ▶ Is quickly taken in by plants since it requires low energy to absorb the nutrient.
- ▶ Is highly compatible with nutrients and other fungicides
- ▶ Can be used both in field farming and hydroponics.
- ▶ Safe for foliar spraying.





## Wetol

### Silicone based Non-ionic Spreader / Wetter

WETOL is non ionic silicone based surfactant, spreader, wetting and spray adjuvant. It increases the performance of all foliar sprayed pesticide, weedicide, herbicide & nutrients. Our nearest dealer/service representative can demonstrate highest performance of WETOL practically, please contact them to get yourself satisfied about quality before any purchase.

For dose & mode of application, please refer product label or contact our nearest dealer /service representative or customer care centre.

## Our Product range







## Borofield

Borofield is an essential micronutrient (boron) for all types of crops. It plays important role in cell division, pollen germination, flowering and fruit growth as well as protein synthesis. BORON deficiency shows various symptoms like fruit cracking, flower dropping, yellowing and malformation of young leaves etc.

Main features and benefits :

- ▶ Minimum 20% Boron content.
- ▶ Highly soluble borate powder for crop nutrient sprays and solutions.
- ▶ Neutral pH is ideally suited for foliar applications.
- ▶ Multifunction source of boron and can be used as direct application or blended with other liquid fertilizers, pesticides and insecticides for foliar spray.
- ▶ Economical source of boron for consumers.





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