

# Soil Treatments

**Products Developed to Promote Soil Structure, Nutrient Release and Beneficial Biological Activity**

**COMPOSTS,**  
**HUMATES,**  
**AND SOIL**  
**INOCULANTS**

Soil-building materials which promote balanced fertility, microbiological diversity, soil tilth, salt buffering, and increased water-holding capacity.

**OR**  
**COMPOST -**  
**MANURE BASED**

Soil Amendment

Provides Soil Conditioning  
High Fertility Value  
Microbial Inoculation

1 ton (/ton)  
10-30 tons (/ton)  
30 + tons (/ton)

*Plus delivery @ \$1.50/mile*

**°**  
**POWER K**  
**HUMIC ACID**

Wettable Powder

55% Humic, 30% Fulvic  
Assists in Plant Nutrient Uptake and Salt Buffering, Can Provide Temporary Relief from Nutrient Toxicity in the Soil

50 lb (/lb)  
1000 lb or more (/lb)  
2000 lb or more (/lb)

**OR**  
**MOLASSES**

Carbon Energy Source  
with Trace Minerals

Stimulates Soil and Leaf  
Microbial Life, Provides Timely  
Energy to the Plant

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

**Mesa Verde**  
**°**  
**DRY HUMATES**

Soil Builder

Natural, Mined Deposit  
from New Mexico.  
Reduces Compaction,  
Improves Soil Tilth and  
Nutrient Holding Capacity.  
Stimulates Soil Microbial Life  
Aids in Sodium Buffering

70% Grade

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

**POWER FA**  
**FULVIC ACID**

Wettable Powder  
75% Fulvic

Assists in Measured  
Plant Nutrient Uptake  
Esp in Foliar Formulations  
30 lb (/lb)  
150 lb or more (/lb)

**°**  
**HUMIC**  
**CONCENTRATE**

Liquid Concentrate

Assists in Plant Nutrient  
Uptake and Salt Buffering  
5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)  
(quote for truckload quantities)

**°**  
**SOIL GYPSUM**

Calcium Sulfate

Modifies Soil Chemistry  
Aids in Sodium Leaching  
Improves Soil Tilth,  
Minimizes Crusting  
(quote for truckload quantities)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# Soil Treatments

## COMPOSTS, HUMATES, AND SOIL INOCULANTS

(cont)

### OR NATURE'S SOLUTION

#### Liquid Mineral Complex

Stimulates Rooting, Plant  
Vigor, and Microbial Activity  
*Chicken Manure Extract*

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

### ° BIOHUMUS

Humic Acid (KOH)  
plus Biology

Assists in Plant Nutrient  
Uptake and Salt Buffering;  
Provides Microbial Inoculation

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

### MEDINA

#### SOIL ACTIVATOR

Soil Inoculant

Reduces Compaction  
Improves Soil Tilth  
Stimulates Soil Microbial Life

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

### NATURE'S ENHANCE

Natural Electrolytes

Complexes and maintains  
availability of major and minor  
nutrients

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

## MICROBIAL PRODUCTS

Microbial treatments for  
soil and foliar application  
can improve yield and  
quality in most crops.  
Earthwise strives to  
represent the most  
agronomically efficient of  
the many microbial  
products currently  
produced.

### ° RESIDUCE PLUS

Microbial Inoculant

Micro-Organisms Selected  
for Rapid and Comprehensive  
Breakdown of Crop and  
Manure Residues

1 lb (/lb)  
30 lb (/lb)  
150 lb (/lb)

(\$6 - \$16/ acre - amount of product used  
is dependent on crop residue amount  
and rate of decomposition desired)

### Agri-Energy ° BIO-AID

Dry Microbial Inoculant

Supplies and Stimulates  
Diverse Soil Microbial Life;  
Improves Soil Tilth and Health

(Normal Rate – 0.10 lb/acre)  
1-4 lb (/lb)  
5-39 lb (/lb)  
40 + lb (/lb)

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# Soil Treatments

## **MICROBIAL PRODUCTS**

*(cont)*

### **Agri-Energy**

**°  
SP-1**

Microbial Inoculant

Supplies and  
Stimulates Diverse Soil  
Microbial Life; Improves  
Soil Tilth and Health  
*Liquid Formulation*

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

### **° MYCO SEED TREAT**

Planter Box Treatment

Symbiotic Relationship with  
Plant Roots; Enhances  
Rhizosphere; Builds Soil  
Structure; Improves Mineral  
Uptake and Drought  
Resistance

1 lb (/lb)  
5 lb (/lb)  
10 lb (/lb)  
30 lb (/lb)  
250 lb (/lb)  
1000 (/lb)

### **° BAC-PAC SEED TREAT**

Planter Box Treatment

Bacterial Formulation-  
Probiotic Protector of Plant  
Roots and Immediate  
Rhizosphere

30 lb (/lb)  
150 lb (/lb)  
1000 lb (/lb)

### **° POTATO SEED TREAT**

Seed Piece Treatment

Bacterial Formulation-  
Probiotic Protector of Seed  
Piece, Plant Roots, and  
Immediate Rhizosphere

30 lb (/lb)  
150 lb (/lb)  
1000 lb (/lb)

### **Agri-Energy ROOT LOCK**

Transplant Aid

Enhances Root Growth;  
Retains Moisture and Helps  
Plant Adapt to Soil  
Environment

1 lb (/lb)  
5 lb (/lb)  
10 lb (/lb)  
30 lb (/lb)  
150 lb (/lb)

### **° ACTIVATE PMSLA**

Dry Bacteria Spores

Water Soluble Form,  
May Suppress Soil-borne  
Fungal Diseases

1 oz (/oz)  
1 lb (/oz)  
20 lb (/oz)  
100 lb drum (/oz)

### **° WAKE-UP ORGANO**

Soluble Microbial Food

Food Source for  
**Activate** Microbes

1 lb (/lb)  
30 lb (/lb)  
150 lb (/lb)

### **° PMSLA/WAKE-UP ORGANO**

Premixed Bacteria Spores  
and Soluble Food Sources  
Partial bucket (/lb)  
31.8 lb (bucket)(/lb)  
159 lb (5 buckets) (/lb)  
1000 lb (/lb)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# Soil Treatments

## MICROBIAL PRODUCTS

(cont)

### ° **ACTIVATE SERIES** **SINGLE BACTERIA** **SPECIES**

Dry Single Species  
and Strain

Bacterial Spore

Formulations by NRG

Pricing for all strains  
listed below:

1 oz (/oz)

1 lb (/oz)

### ° **ACTIVATE - A1005**

Water Soluble; May Suppress  
Soil-Borne Fungal Diseases  
and Nematodes

### ° **ACTIVATE - A2004**

Water Soluble; May Suppress  
Soil-borne Fungal Diseases  
and Nematodes; Stimulates  
Plant & Root Growth

### ° **ACTIVATE - A2005**

Water Soluble; May Suppress  
Soil-borne Fungal Diseases

### **MYCORRHIZAE** **FUNGI**

*VAM Plus Root Dip*  
(20 Species)

Water soluble inoculum with  
gel carrier contains 20  
selected Mycorrhizae spores;  
well suited to a variety of soils,  
climates, and plants

1 lb (/lb)

20 lb (/lb)

### ° **MYCORRHIZAE** **FUNGI**

*Endo Mycorrhizae*  
*Fungi*

(4 Species)

Dry, soluble micronized  
inoculum - 4 species blend of  
spores of arbuscular  
Mycorrhizal fungi (endo). Well  
suited to a variety of soils,  
climates, and plants, including  
ornamentals, fruit and nut  
trees, vegetables, and  
turfgrass.

1 lb (/lb)

20 lb (/lb)

### ° **MYCORRHIZAE** **SEED TREATMENT**

*Endo Mycorrhizae*  
*Fungi (ultra fines)*

(4 Species)

Concentrated mycorrhizal  
powder (ultra fines) containing  
the spores of 4 selected  
beneficial mycorrhizal fungi  
and 2 Trichoderma species.

1 lb (/lb)

20 lb (/lb)

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# Soil Treatments

## MINERALS - BALANCING SOIL CHEMISTRY

We recommend the use of selected processed and rock minerals as part of overall crop and soil nutrition plans, designed according to results of regular soil testing.

### <sup>o</sup>90% SULFUR

Soluble Sulfur

Modifies Soil Chemistry;  
Aids in Sodium Leaching;  
Improves Trace Mineral Uptake in High pH Soils

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### <sup>o</sup>PLANTER'S MINERALS

Hydrothermal  
Mineral Ore

Natural Occuring Deposit Rich in Calcium, Magnesium and additional Trace Elements  
50+ lb (/lb)  
2000+ lb (/lb)  
6000 (/lb)  
(quote for ½ and truckload quantities)

### <sup>o</sup>SOFT ROCK PHOSPHATE

Mined Clay Mineral

20% Calcium, 20% Phosphate  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### <sup>o</sup>SOIL GYPSUM

Calcium Sulfate

Modifies Soil Chemistry to Aid in Sodium Leaching;  
Improves Soil Structure;  
Provides Moderately Soluble Calcium Source.

(quote for truckload quantities)

### <sup>o</sup>DK GYPSUM

Calcium Sulfate

Water Soluble; Apply Through Drip or Pivot

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### <sup>o</sup>DK – KMS

0-0-22-11Mg-22S

Potassium-Magnesium Sulfate

Water Soluble; Apply Through Drip or Pivot

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### <sup>o</sup>DK POTASSIUM SULFATE

0-0-50

Water Soluble; Apply Through Drip or Pivot

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### <sup>o</sup>ORGANIC K-MAG

0-0-22-11Mg-22S

Potassium-Magnesium-Sulfate

Dry Granular

(quote for truckload quantities)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# **Plant Nutrition**

***Selected For Microbial Compatibility and  
Nutrient Uptake Efficiency***

## **FERTILIZERS- NITROGEN SOURCES**

Nitrogen fertilizers  
appropriate for sustainable  
agricultural production.

### **OR CHILEAN NITRATE**

Sodium-Potassium Nitrate

14-0-9

Water Soluble, Organically  
Approved Source of Nitrogen  
and Potassium

Super Bag (/lb)

3+ Superbags(/lb)

10+ Superbags(/lb)

(quote for truckload quantities)

### **OR CHILEAN NITRATE**

Sodium Nitrate

16-0-0

Water Soluble, Organically  
Approved Source of Nitrogen

Super Bag (/lb)

3+ Superbags(/lb)

10+ Superbags(/lb)

(quote for truckload quantities)

### **OR COMPOST -**

## **MANURE BASED**

Soil Amendment

High Fertility Value  
Microbial Inoculation

Provides Slow Release and  
Water Soluble N

1 ton (/ton)

10-30 tons (/ton)

30 + tons (/ton)

*Plus delivery @ \$1.50/mile*

### **OR NATURAL N**

Feather Meal

13 - 0 - 0

13% Nitrogen

Slower Release Organically

Approved Source of Nitrogen

Super Bag (/lb)

3+ Superbags(/lb)

(quote for ½ and truckload quantities)

**27-0-0-1S**

from Agro-Culture

Technical Grade Slow Release  
Low Salt Index, Foliar Quality

5 gal (/gal)

30 gal (/gal)

55 gal (/gal)

Pallet Tank (/gal)

1000 gal (/bulk gal)

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# Plant Nutrition

## **NPK - LIQUID FERTILIZERS**

Liquid fertilizers naturally complexed for foliar and/or soil application.

### **OR Agri-Energy**

#### **Pillar**

**2-0-1**

Balanced Blend of

Natural Nutrients w/Micros

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

### **OR Liquid Fish Sulfur Stabilized**

**2.6 - 2.0 - 0.26**

Cold Processed Hydrolysate

Natural Plant and Microbe Food Containing All Original Fish Oils, Proteins, and Ca Sources

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for ½ and truckload quantities)

### **OR Liquid Fish**

#### **Phos Stabilized 2.0 - 5.0 - 0.20**

Cold Processed Hydrolysate Natural Plant and Microbe Food Containing All Original Fish Oils, Proteins, and Ca Sources

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for ½ and truckload quantities)

### **OR DRAMM-ONE FISH**

**2.0 - 5.0 - 0.2**

Cold Processed Hydrolysate with Chilean Nitrate, Kelp, Fulvic Acid, and Dramm Energizer

Natural Plant and Microbe Food Containing All Original Fish Oils and Calcium Sources

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for ½ and truckload quantities)

### **NRG**

#### **0-0-26 FOLIAR**

Organically Chelated Foliar Fertilizer

Specially Formulated for Maximum Potassium Uptake

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for ½ and truckload quantities)

### **REJUVENATOR**

Foliar Fertilizer

Combination of Fish, Compost Tea, Kelp, Fulvic Acid, Calcium and Boron Customizable and Specially Formulated for Reduction of Plant Stress and Promotion of New Growth

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for ½ and truckload quantities)

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# Plant Nutrition

## **NPK - DRY FERTILIZERS**

### **NRG** **SOIL VIGOR**

10-2-3

Organic Granular NPK with  
Mycorrhizae and Additional  
Beneficial Bacteria and Fungi

40+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

### **NRG** **ROOT VIGOR**

8-2-3

Granular NPK with Mycorrhizae  
and Additional Beneficial  
Bacteria and Fungi

40+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

### **Texas Tee**

6-2-4

Pelletized blend of high quality  
organic NPK sources

40+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
3 + pallets (/lb)

(quote for ½ and truckload quantities)

### **°DK POTASSIUM SULFATE**

0-0-50

Water Soluble, Apply Through  
Drip or Pivot

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### **°DK - KMS**

Potassium-Magnesium  
Sulfate

0-0-22-11Mg-22S

Water Soluble, Apply Through  
Drip or Pivot

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### **°ORGANIC K-MAG**

Potassium-  
Magnesium-Sulfate

0-0-22-11Mg-22S

Dry, Granular

(quote for truckload quantities)

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# Plant Nutrition

## LIQUID FERTILIZERS ADJUVANTS

Natural plant and soil derivatives designed to maximize the efficiency of liquid fertilizers

### **CHELATOR LC**

Liquid Trace Mineral  
Complexor for  
Foliar Applications

Improves Micronutrient Uptake  
and Utilization

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

### <sup>o</sup>**BIO-HUMUS**

Liquid Humic Fractions  
with Biology Package

Assists in Plant Nutrient  
Uptake and Salt Buffering

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)  
(quote for ½ and truckload quantities)

### **POWER FA FULVIC ACID**

Water Soluble Powder

75% Fulvic

Assists in Plant Nutrient  
Uptake esp in foliar  
formulations

30 lb (/lb)  
150 lb or more (/lb)

### <sup>o</sup>**HUMIC**

### **CONCENTRATE**

Liquid Concentrate

Assists in Plant Nutrient  
Uptake and Salt Buffering

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)  
(quote for ½ and truckload quantities)

### <sup>o</sup>**ORGANIC FULVIC**

Organically Approved  
Source of Fulvic Acid

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

### <sup>o</sup>**POWER K HUMIC ACID**

Water Soluble Powder

55% Humic, 30% Fulvic

Assists in Plant Nutrient  
Uptake and Sodium Buffering

50 lb (/lb)  
1000 lb or more (/lb)  
2000 lb or more (/lb)

### <sup>o</sup>**Garlic GP**

Penetrant

Helps to Move Nutrients  
Across the Leaf Membrane

1 gal  
2.5 gal. (/gal)  
10 gal (per gal)  
50 gal (per gal)  
180 gal (per gal)  
(quote for greater quantities)

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# Plant Nutrition

**MAJOR MINOR**  
**ELEMENTS**  
**CALCIUM,**  
**MAGNESIUM, SULFUR**

Fast growing plants are often deficient in these elements. Extremely important in all soils, esp important for Na buffering and leaching. Also important for soil tilth and prevention of crusting.

**CALCIUM**  
**CHELATE**

Chelated Liquid

6% Calcium, 0.5% Boron  
Chelated w/ Plant Extracts  
5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)  
(quote for ½ and truckload quantities)

**<sup>0</sup>DK - KMS**

Potassium-Magnesium  
Sulfate

Water Soluble, Apply Through  
Drip or Pivot  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

**<sup>0</sup>DK GYPSUM**

Calcium Sulfate

Water Soluble, Apply Through  
Drip or Pivot  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

**Albion**  
**<sup>OR</sup> METALOSATE**  
**CALCIUM**

Amino Acid,  
Water Soluble Chelate

Foliar, Rapid Calcium Uptake  
4.4lb (jug) (/lb)  
17.6lbs (case) (/lb)  
50 lb(/lb)  
180 lb (/lb)

**Albion**  
**<sup>OR</sup> METALOSATE**  
**CALCIUM**  
**W/BORON**

Amino Acid,  
Water Soluble Chelate  
Foliar, Efficient, Rapid Calcium  
and Boron Uptake  
4.4lb (jug) (/lb)  
17.6lbs (case) (/lb)  
50 lb(/lb)  
180 lb (/lb)

**<sup>0</sup>90% SULFUR**

Soluble Sulfur

Modifies Soil Chemistry  
Aids in Sodium Leaching  
Improves Trace Mineral  
Uptake in High pH Soils  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

**<sup>OR</sup> MAGNESIUM**  
**SULFATE**

Epsom Salt

Water Soluble  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
(quote for multiple pallets)  
(quote for ½ and truckload quantities)

**Albion**  
**<sup>OR</sup> METALOSATE**  
**MAGNESIUM**

Amino Acid,  
Water Soluble Chelate

Foliar, Efficient, Rapid  
Magnesium Uptake  
4.4lb (jug) (/lb)  
17.6lbs (case) (/lb)  
50 lb(/lb)  
180 lb (/lb)

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# Plant Nutrition

**MAJOR MINOR**  
**ELEMENTS**  
**CALCIUM,**  
**MAGNESIUM, SULFUR**  
**(CONT)**

**CB SOIL CALCIUM**

Chelated Liquid

6% Calcium, 10% Sulfur  
Chelated w/ Plant Extracts

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)  
(quote for ½ and truckload quantities)

**<sup>o</sup>SOFT ROCK**  
**PHOSPHATE**

Mined Clay Mineral

20% Calcium, 20% Phosphate  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

**MINOR**  
**ELEMENTS**  
**TRACE MINERALS**

Micronutrients or trace minerals can be the limiting growth or quality factor even in well fertilized soils. Soil and petiole tests can indicate plant needs.

**<sup>o</sup>SEAWEED/KELP**

Natural Foliar Spray

Provides Natural, Balanced  
Micronutrients for Rapid  
Uptake at Critical Growing  
Points, Stimulates Natural  
Plant Defenses

**Liquid**

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

**Dry, Water Soluble**

44 lb (lb)  
220 lb (lb)  
1100 lb (lb)  
2200 lb (lb)  
6600 lb (lb)

**Albion**  
**OR**  
**METALOSATE**  
**MULTIMINERAL**

Amino Acid,  
Water Soluble Chelate  
Foliar, Efficient, Rapid Mineral  
Uptake  
4.4lb (jug) (/lb)  
17.6lbs (case) (/lb)  
50 lb(/lb)  
180 lb (/lb)

**Albion**  
**OR**  
**METALOSATE**  
**ZINC**

Amino Acid,  
Water Soluble Chelate  
Foliar, Efficient, Rapid Zinc  
Uptake  
4.4lb (jug) (/lb)  
17.6lbs (case) (/lb)  
50 lb(/lb)  
180 lb (/lb)

**OR**  
**SOLUBOR**

Sodium Borate  
Water Soluble  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
(quote for multiple pallets)

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# Plant Nutrition

**MINOR**  
**ELEMENTS**  
**TRACE MINERALS**  
**(cont)**

**OR**  
**Albion**  
**METALOSATE**

**IRON**  
Amino Acid,  
Water Soluble Chelate

Foliar, Efficient, Rapid Iron  
Uptake  
4.4lb (jug) (/lb)  
17.6lbs (case) (/lb)  
50 lb(/lb)  
180 lb (/lb)

**Agri-Energy**  
**OR**  
**PILLAR**

2-0-1  
Blend of Fish, Humic Acid,  
Chilean Nitrate w/ Zinc,  
Manganese, and Boron  
5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)  
(quote for truckload quantities)

**Agri-Energy**

**TRACE-PAK**

Unique, Balanced  
Chelated Micronutrients

Important to Prevent Plant  
Deficiency and Encourage  
Diverse Soil Biology

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

**Stoller**  
**OR**  
**WHITE LABEL**

**MANGANESE**  
**SULFATE**

Organically Chelated  
Foliar - 5% Manganese  
5 gal (/gal)  
20 gal (/gal)  
Pallet (180 gal) (/gal)

**Stoller**  
**OR**  
**WHITE LABEL**

**ZINC SULFATE**

Organically Chelated  
Foliar -10% Zinc  
5 gal (/gal)  
20 gal (/gal)  
Pallet (180 gal) (/gal)

**OR**  
**ZINC SULFATE**

Slowly Water Soluble  
50+ lb (/lb)  
1000+ lb (/lb)  
2000 (/lb)  
(quote for multiple pallets)

**OR**  
**MANGANESE**  
**SULFATE**

Slowly Water Soluble  
50+ lb (/lb)  
1000+ lb (/lb)  
2000 (/lb)  
(quote for multiple pallets)

**OR**  
**COPPER**

**SULFATE**

Sprayable  
Copper Fertilizer  
Broad Spectrum  
Bactericide and Fungicide  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
(quote for multiple pallets)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# Plant Nutrition

**MINOR**  
**ELEMENTS**  
**TRACE MINERALS**  
**(cont)**

**CALCIUM**  
**CHELATE**

Chelated Liquid

6% Calcium, 0.5% Boron  
Chelated w/ Plant Extracts

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)  
(quote for ½ and truckload quantities)

**Agri-Energy**  
**OR**  
**ZINC SULFATE**

11.5%

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

**Agri-Energy**  
**OR**  
**IRON SULFATE**

1.9%

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

**Agri-Energy**  
**OR**  
**MANGANESE**  
**SULFATE**

11.5%

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

**Agri-Energy**  
**OR**  
**COPPER**  
**SULFATE**

3.9%

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

**OR**  
**BioLink**  
**MANGANESE**

Chelated Manganese

8%

2.5 gal (/gal)  
5 gal (/gal)  
30 gal (/gal)  
90 gal (/gal)  
180 gal (gal)  
(quote for multiple pallets)

**OR**  
**BioLink**  
**ZINC**

Chelated Zinc

6%

2.5 gal (/gal)  
5 gal (/gal)  
30 gal (/gal)  
90 gal (/gal)  
180 gal (gal)  
(quote for multiple pallets)

**OR**  
**Redmond**  
**NATURAL**  
**MINERAL**  
**CONDITIONER**

Colloidal Trace Mineral Source  
for Livestock and Crops

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

(quote for multiple pallets)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# Plant Nutrition

## PLANT STIMULANTS AND GROWTH PROMOTERS

Naturally occurring substances which can “turn on” or increase certain plant metabolic functions. Applications should be properly timed and accompanied by plant nutritive inputs appropriate for high yield goals.

### **PRIMER**

#### Non-Protein Amino Acid

Improves Yield, Quality, and Nutritional Value of Crops Through Improved Root Growth and Efficient Nutrient Movement through Plant

2.5 gal (/gal)

10 gal (/gal)

50 gal (/gal)

180 gal (/gal)

(quote for multiple pallets)

### **° SEAWEED/KELP**

#### Natural Foliar Spray

Provides Natural, Balanced Micronutrients for Rapid Uptake at Critical Growing Points, Stimulates Natural Plant Defenses

#### **Liquid**

5 gal (/gal)

30 gal (/gal)

55 gal (/gal)

Pallet Tank (/gal)

1000 gal (/bulk gal)

#### **Dry, Water Soluble**

44 lb (lb)

220 lb (lb)

1100 lb (lb)

2200 lb (lb)

6600 lb (lb)

### **POWER FA FULVIC ACID**

#### Water Soluble Powder

75% Fulvic

Assists in Plant Nutrient Uptake esp in foliar formulations

30 lb (/lb)

150 lb or more (/lb)

### **° ORGANIC FULVIC**

#### Organically Approved

#### Source of Fulvic Acid

5 gal (/gal)

30 gal (/gal)

55 gal (/gal)

Pallet Tank (/gal)

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# **Pest and Disease Control**

## **PESTS AND DISEASES**

Alternative pest control products selected for effectiveness, cost, safety, and compatibility with beneficials.

### **° MYCOTROL O**

Beauveria Bassiana  
Beneficial Fungus

Infects Most Soft-bodied  
Insects in Presence of  
Moisture

1 pint  
1 quart  
1 gal (/gal)  
10 gal (/gal)  
50 gal (/gal)

### **° Garlic GP**

Systemic  
Insect Repellent

Use Every 10 days Prior to  
Expected Insect Pressure

1 gal  
2.5 gal. (/gal)  
10 gal (per gal)  
50 gal (per gal)  
180 gal (per gal)  
(quote for greater quantities)

### **CITREX**

Broad Spectrum  
Bactericide  
and Fungicide

1 gal (per gal)  
5 gal (per gal)  
14 gal (per gal)  
42 gal (per gal)

### **° BIOSAFE STOROX**

H<sub>2</sub>O<sub>2</sub> Based Foliar  
(Organic Label)

Certified Organic Bactericide  
and Fungicide, Approved for  
Post Harvest Use

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

(quote for truckload quantities)

### **° BIOSAFE OXIDATE**

H<sub>2</sub>O<sub>2</sub> Based Foliar

(Ag Label)

Broad Spectrum Bactericide  
and Fungicide

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

(quote for truckload quantities)

### **BIOSAFE TERRA CLEAN**

H<sub>2</sub>O<sub>2</sub> Based Soil  
Sterilant

**Soil Applied** Broad Spectrum  
Bactericide and Fungicide

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

(quote for truckload quantities)

### **° 15% VINEGAR**

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

### **NRG**

**OR  
Cedar Gard**

Emulsified Cedar Oil

Repels Pheromone Driven  
Insects

1 gal (/gal)  
5 gal (/gal)  
20 gal (/gal)  
Pallet (180 gal) (/gal)

(quote for multiple pallets)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# **Pest and Disease Control**

## **PESTS AND** **DISEASES** **(CONT)**

**OR** **Stoller**  
**FLOWABLE**  
**SULFUR**

Sprayable Sulfur

Broad Spectrum Insecticide  
and Fungicide

5 gal (/gal)

20 gal (/gal)

Pallet (180 gal) (/gal)

(quote for multiple pallets)

**OR** **Stoller**  
**NATUR'L OIL**

Sprayable Soybean Oil

Broad Spectrum Insecticide  
and Fungicide

5 gal (/gal)

20 gal (/gal)

Pallet (180 gal) (/gal)

(quote for multiple pallets)

**OR** **Stoller**  
**TopCop w/**  
**SULFUR**

Sprayable Sulfur with  
Copper Sulfate

Broad Spectrum Bacteriacide  
and Fungicide

5 gal (/gal)

20 gal (/gal)

Pallet (180 gal) (/gal)

(quote for multiple pallets)

## **DIATECT II** Diatomaceous Earth and Pyrethrum

Broad Spectrum Insecticide  
w/PBO

30+ lb (/lb)

1000+ lb (/lb)

pallet (/lb)

**OR** **NEEM OIL**  
Natural Tree Oil

Adjuvant for Insecticides and  
Fungicides

1 gal (/gal)

5 gal (/gal)

30 gal (/gal)

55 gal (/gal)

275 gal (/gal)

825 gal (/gal)

**OR** **KARANJA OIL**  
Natural Tree Oil

Adjuvant for Insecticides and  
Fungicides

1 gal (/gal)

5 gal (/gal)

30 gal (/gal)

55 gal (/gal)

275 gal (/gal)

825 gal (/gal)

**OR** **NEEM/KARANJA**  
**OIL**

Natural Tree Oil Blend

Adjuvant for Insecticides and  
Fungicides

1 gal (/gal)

5 gal (/gal)

30 gal (/gal)

55 gal (/gal)

275 gal (/gal)

825 gal (/gal)

## **DIATECT V** Diatomaceous Earth and Pyrethrum

Broad Spectrum Insecticide  
20+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

**TRILOGY**  
Botanical  
Fungicide/Miticide

Clarified Hydrophobic Extract  
of Neem Oil

2.5 gal (/gal)

5 gal (/gal)

50 gal (/gal)

Pallet (180 gal) (/gal)

**BIOREPEL**  
Natural Insect  
Repellent

Garlic Based with Botanical  
Extracts

2.5 gal (/gal)

5 gal (/gal)

50 gal (/gal)

Pallet (180 gal) (/gal)

**OR** **COPPER**  
**SULFATE**  
Sprayable  
Copper Fertilizer

Broad Spectrum  
Bacteriacide and Fungicide  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

(quote for multiple pallets)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# **Pest and Disease Control**

## **PESTS AND DISEASES** **(CONT)**

### **° Permaguard** **° DIATOMACEOUS** **EARTH**

Natural Silica Product

Provides Control of Some Soft-bodied Insects; Used to Control Pests in Grain Storage; Animal Feed Additive Promotes Health by Controlling Internal Parasites  
50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

(quote for multiple pallets)

### **° COCOON** Sprayable Kaolinite

Provides Plant Surface Protection for a Wide Variety of Crops; Helps Minimize Sunburn and Moisture Stress on Sensitive Crops.

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

(quote for multiple pallets)

### **° ENTRUST** Spinosad

Provides control of worms, thrip, and leafminer  
1 lb (/lb)  
5 lb (/lb)  
20+ lb (/lb)

### **KALIENTE**

Capsaicin and Zinc

High Heat Pepper Product Used to Repel Rodents and Other Large Pests

2.5 gal (per gal)  
10 gal (per gal)  
50 gal (/gal)

### **° DIPEL**

Bacillus thuringensis

Organically approved for control of most worms.

5 lb (/lb)  
40 lb (/lb)  
150+ lb (/lb)

### **° AGREE**

Bacillus thuringensis

*aizawai* strain - organically approved for control of most worms.

5 lb (/lb)  
20 lb (/lb)  
150+ lb (/lb)

### **° JAVELIN**

Bacillus thuringensis

*kurstaki* strain - organically approved for control of most worms.

5 lb (/lb)  
20 lb (/lb)  
150+ lb (/lb)

### **° ECOTEC**

Broad Spectrum

Miticide and Insecticide

2.5 gal (/gal)  
5 gal (/gal)  
30 gal (/gal)  
90 gal (/gal)  
180 gal (gal)

(quote for multiple pallets)

### **° MATRATEC**

Non-Selective, Post Emergent Herbicide

2.5 gal (/gal)  
5 gal (/gal)  
30 gal (/gal)  
90 gal (/gal)  
180 gal (gal)

(quote for multiple pallets)

### **° SPORATEC**

Broad Spectrum Fungicide

2.5 gal (/gal)  
5 gal (/gal)  
30 gal (/gal)  
90 gal (/gal)  
180 gal (gal)

(quote for multiple pallets)

### **° SAFE-T-SIDE**

Spray Oil Emulsion Fungicide, Insecticide, and Miticide

2.5 gal (/gal)  
5 gal (/gal)  
30 gal (/gal)  
90 gal (/gal)  
180 gal (gal)  
540 gal (/gal)

(quote for ½ and truckload quantities)

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# Water Treatments

## MATERIALS TREATMENT AND CLEANERS

Plant health is heavily influenced by water quality. Treating poor quality water can be the most cost effective method of improving soils, crop yield and quality

### <sup>o</sup>DK GYPSUM Calcium Sulfate

Water Soluble, Apply Through  
Drip or Pivot

50+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)  
Super Bag (/lb)  
3+ ton (/lb)  
(quote for ½ and truckload quantities)

### N-PHURIC ACID

MonoCarbamide

DiHydrogen Sulfate

Improves Calcium Utilization;  
Lowers pH; Improves Sodium  
Leaching; Excellent Cleaning  
Agent for Irrigation Systems

5 gal (/gal)  
30 gal (/gal)  
Pallet Tank(/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

## AQUADRIVE

Non-Ionic Surfactant

Lowers Surface Tension of  
Water, Improves Uniformity of  
Soil Wetting and Penetration

5 gal (/gal)  
55 gal (/gal)  
Pallet Tank(/gal)

(quote for truckload quantities)

## BIOSAFE

### <sup>o</sup>STOROX

H<sub>2</sub>O<sub>2</sub> Based Sanitizer  
(Organic Label)

Certified Organic Bactericide  
and Fungicide, Cleans Water  
Lines of Mineral and Biological  
Contaminants, Labeled for  
Produce Washing

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)

(quote for truckload quantities)

### <sup>o</sup>15% VINEGAR

pH Adjuster and Cleans Water  
Lines of Mineral and Biological  
Contaminants

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for truckload quantities)

## EQUIPMENT INJECTION

**Dosmatic**

### A-30 Injectors

Proportional Injector  
for Greenhouse and  
Landscape Application

Per unit

(quote for multiple units)

**Dosmatic**

### Parts

Wide variety of parts  
available for Dosmatic  
Injectors and Filtration  
Systems

**Mazzei Venturi**

### Injectors

Venturi Injector for  
Commercial Agriculture  
1.5" (Per unit)

(quote for multiple units)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# Livestock Supplements

## LIVESTOCK

Supplements and  
Health Aids Allowed for  
Organic and/or Grassfed  
Livestock Production

### <sup>o</sup>Redmond NATURAL MINERAL SALT

Trace Mineral Source for  
Livestock and Crops - over 50  
Minerals

50+ lb (/lb)  
1000+ lb (/lb)  
Pallet (/lb)

(quote for multiple pallets)

### <sup>o</sup>Redmond NATURAL MINERAL SALT BLOCKS

Natural Salt

Trace Mineral Source for  
Livestock – over 50 Minerals

44+ lb (/lb)  
1000+ lb (/lb)  
Pallet (/lb)

(quote for multiple pallets)

### <sup>o</sup>Redmond NATURAL MINERAL CONDITIONER

Colloidal Trace Mineral Source  
for Livestock and Crops

50+ lb (/lb)  
1000+ lb (/lb)  
Pallet (/lb)

(quote for multiple pallets)

### <sup>o</sup>Kelp Meal (Feed Grade)

Health Building Feed  
Supplement for Livestock

50+ lb (/lb)  
1000+ lb (/lb)  
Pallet (/lb)

(quote for multiple pallets)

### <sup>o</sup>Permaguard DIATOMACEOUS EARTH

Natural Silica Product

Helps Suppress Some  
Soft-bodied Insects;  
Used to Control Pests in Grain  
Storage; Animal Feed Additive  
Promotes Animal Health by  
Controlling Internal Parasites

50+ lb (/lb)  
1000+ lb (/lb)  
Pallet (/lb)

(quote for multiple pallets)

### CITREX

Broad Spectrum  
Bacteriacide  
and Fungicide

1 gal (per gal)  
5 gal (per gal)  
14 gal (per gal)  
42 gal (per gal)

**Prices Subject to Change – All Prices FOB Nearest EO Warehouse –**

# Livestock Supplements

## LIVESTOCK (CONT)

### **DIATECT V**

Diatomaceous Earth  
and Pyrethrum

Broad Spectrum Insecticide  
20+ lb (/lb)  
1000+ lb (/lb)  
pallet (/lb)

(quote for multiple pallets)

### <sup>o</sup>**GARLIC GP**

Feed Additive

Promotes General Animal  
Health

1 gal  
2.5 gal. (/gal)  
10 gal (per gal)  
50 gal (per gal)  
180 gal (per gal)

(quote for greater quantities)

## OR **MOLASSES**

Carbon Energy Source

5 gal (/gal)  
30 gal (/gal)  
55 gal (/gal)  
Pallet Tank (/gal)  
1000 gal (/bulk gal)

(quote for ½ and truckload quantities)

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