

# **Earthwise Organics, Inc.**

## **AGRICULTURE PRODUCT LIST – June 2021**

To Our Customers:

**Well, summertime is here and the livin' is easy - or so they say!** Probably "they" weren't farming, but I digress!

Anyhow the annual Earthwise Spring catalog has morphed into a Summer catalog, but it's finally here! We were hoping 2021 would be a lot more normal - the jury is definitely still out on that one. But life and work go on and Earthwise is proud to be able to continue its mission to serve farmers (and other growers) of all sizes and categories - from row crops to vegetables and beyond! Or as we like to say, "from Alfalfa to Zucchini"!

That "mission" requires us to handle and stock a *very* wide variety of products (180+) in this catalog! Our "wayback" decision to stock this wide variety of products has allowed us to respond *quickly* to the needs of customers of any size, especially important when it comes to plant protection. It also makes it possible to serve the smaller customer more efficiently - they have the ability to pick up a few bags of various products and combine them on a pallet for a significant savings in product and shipping costs. And please note that our expanded "direct ship" options are an important money and time saver. With our customer base expanding across the U.S., these additional shipping options help with product costs, freight costs, and very importantly - transit times.

**Prices** - There have been a few minor price increases since last Fall - in this environment, that's good!

**Products** - We have added 9 new products since the last catalog. See more about all of our products in the catalog and on our [website](#).

More on the June catalog - please note that we have **2 catalog indexes**, located **in the back**. The indexes match manufacturers and products with catalog page numbers. Both manufacturers and product names are in alphabetical order – just find them and look for the page number to the left. This makes it easier to quickly find the products you need. And remember that all of our products are also searchable on our [website](#). The search box for our website is at the far right of the main menu line.

Earthwise Organics has been in business since 1996, supplying soil and plant friendly fertility materials to a wide variety of customers in the agricultural and horticultural industries. Things have changed a lot over those years! The amount of general *and* detailed information we can provide to our customers through our website has opened up lots of new possibilities for communication with our customers. These efficiencies in communication allow us to reach and serve a broader range of clients than ever before. Altogether, this revolution in communication allows a more customer driven relationship - you have the option to access our expertise and pricing at a time and place most convenient for you. But there are many times when an email or a phone call is the best way to get things done - we are certainly available for those conversations as well.

As we move forward with this "newish" business model we would like to thank all our customers for the opportunity to compete for your business. These first 25 years in business have been challenging, informative and rewarding, who knows what the next 25 will bring?!

Thomas Harr, President

### **Important note about our catalog and the NOP rules!**

Products in the catalog with a superscript <sup>o</sup> (organic) next to them are **generally** acceptable for "Organic" production. The superscript <sup>OR</sup> (organic restricted) indicates "Organic", but with some sort of restriction on its use. **According to NOP rules, the farmer/producer is always ultimately responsible for the products used in "Certified Organic" production.** The farmer/producer should always check with his or her certifier before using any product for the first time in a "USDA Certified Organic" operation.

SERVICE AREAS	CONTACT
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**Don't forget to check out our website for product info and much more: <https://earthwiseagriculture.net>**

Call for Quote on Larger Quantities - Prices Subject to Change - All Orders Subject to Shipping Charges

# Soil Amendments

*Promoting Soil Structure, Nutrient Cycling, Internal Drainage, and Beneficial Biological Activity*

## **HUMATES, HUMIC ACIDS, AND FULVIC ACIDS**

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

### **NRG**

#### **°POWER K HUMIC ACID**

Soluble Powder

55% Humic, 30% Fulvic

For use in the soil or as foliar adjuvant

#### **-- FOB EO Warehouse, Texas --**

25 lb	\$7.50 /lb
50+ lb	\$7.00 /lb
250+ lb	\$6.50 /lb

#### **-- FOB Mfr, CA --**

250+ lb	\$6.25 /lb
1000+ lb	\$5.25 /lb
Pallet (50 lb bags)	\$4.75 /lb

*Larger Quantities - Call for quote*

### **Ferti-Organic**

#### **°SOLUBLE HUMIC ACID**

Soluble Powder

60% Humic Acid; 7% Potash

For use in the soil or as foliar adjuvant

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$3.50 /lb
250+ lb	\$3.00 /lb
1000+ lb	\$2.60 /lb
Pallet (50 lb bags)	\$2.35 /lb

*Larger Quantities - Call for quote*

### **Ferti-Organic**

#### **°FULVIC PLUS**

Soluble Powder

90% Fulvic Acid

For use in the soil or as foliar adjuvant

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$3.50 /lb
250+ lb	\$2.75 /lb
1000+ lb	\$2.50 /lb
Pallet (50 lb bags)	\$2.25 /lb

*Larger Quantities - Call for quote*

### **JC Smith Co.**

#### **°LIQUID HUMATE**

Concentrated, 16% Liquid Humic Acid

#### **Direct Ship Only**

#### **-- FOB Mfr, TX --**

Pallet Tank	\$7.40 /gal
1000+ gal (in totes)	\$7.00 /gal

*Larger Quantities - Call for quote*

### **LignoTech USA**

#### **°BORREGRO HA-2**

Concentrated, 15% Liquid Humic Acid

#### **Direct Ship Only**

#### **-- FOB Mfr, WI --**

Pallet Tank	\$6.35 /gal
1000+ gal (in totes)	\$6.05 /gal

*Larger Quantities - Call for quote*

### **JH Biotech**

#### **°FULMAX**

3% Fulvic Acid

For use in the soil or as foliar adjuvant

#### **-- FOB EO Warehouse, Texas --**

2.5+ gal	\$16.50 /gal
5+ gal	\$16.00 /gal
20+ gal	\$15.25 /gal
80+ gal	\$14.75 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$14.35 /gal
80+ gal	\$14.00 /gal
Pallet (180 gal)	\$12.00 /gal

*Larger Quantities - Call for quote*

### **Mesa Verde**

#### **°MV SOLUBLE POWDER**

80% Humic Acid - Water Soluble

2200 lb pallet makes 1300+ gal  
15% Humic Acid Solution

#### **Direct Ship Only**

#### **-- FOB Mfr, NM --**

Pallet (55 lb bags)	\$2.75 /lb
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*Larger Quantities - Call for quote*

### **Mesa Verde**

#### **°DRY HUMATES**

Natural deposit out of New Mexico.

Reduces compaction, Improves soil tilth and nutrient holding capacity.

Stimulates soil microbial life.

Aids in sodium buffering.

#### **Ag Grade (-1/4" Chip)**

#### **Direct Ship Only**

#### **-- FOB Mfr, NM --**

Pallet (50 lb bags)	\$0.21 /lb
2000 lb Super Bag	\$0.17 /lb
3+ Super Bags	\$0.16 /lb

*Larger Quantities - Call for quote*

#### **Greens Grade (1-2 mm)**

#### **Direct Ship Only**

#### **-- FOB Mfr, NM --**

Pallet (50 lb bags)	\$0.26 /lb
2000 lb Super Bag	\$0.22 /lb
3+ Super Bags	\$0.21 /lb

*Larger Quantities - Call for quote*

#### **Additional Mesa Verde**

#### **Products Available**

See Website Notes for more info

Custom Screening and  
Various Particle Sizes Possible

#### **Direct Ship Pallet Quantities Only -**

#### **-- FOB Mfr, NM --**

### **JH Biotech**

#### **°HUMAX**

12% Humic Acids

For use in the soil or as foliar adjuvant

#### **-- FOB EO Warehouse, Texas --**

2.5+ gal	\$9.00 /gal
5+ gal	\$8.50 /gal
20+ gal	\$8.25 /gal
80+ gal	\$8.00 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$7.50 /gal
80+ gal	\$7.25 /gal
Pallet (180 gal)	\$6.00 /gal

*Larger Quantities - Call for quote*

# Soil Amendments

*Promoting Soil Structure, Nutrient Cycling, Internal Drainage, and Beneficial Biological Activity*

## MICROBES AND

### MICROBIAL FOOD SOURCES

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

#### **Douglas Plant Health**

##### **°SP-1**

Microbial Inoculant

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

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$16.00 /gal
5+ gal	\$14.25 /gal
20+ gal	\$13.50 /gal

**-- FOB Mfr, IL --**

20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Drum - 30 gal	\$9.50 /gal
Pallet Tank	\$7.75 /gal
1000 gal (in totes)	\$7.60 /gal

*Larger Quantities - Call for quote*

#### **Douglas Plant Health**

##### **°MVP**

Microbial Inoculant

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

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$13.50 /gal
5+ gal	\$12.00 /gal
20+ gal	\$11.25 /gal
Drum - 30 gal	\$9.75 /gal

**-- FOB Mfr, IL --**

20+ gal	\$9.25 /gal
80+ gal	\$8.75 /gal
Drum - 30 gal	\$7.50 /gal
Pallet Tank	\$5.90 /gal
1000 gal (in totes)	\$5.65 /gal

*Larger Quantities - Call for quote*

## **NRG**

### **OR NATURE'S SOLUTION**

Liquid Mineral Complex

Stimulates microbial activity, rooting, and plant vigor. Derived from microbially digested chicken manure solution

**-- FOB EO Warehouse, Texas --**

Pallet Tank	\$3.85 /gal
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**-- FOB Mfr, CA --**

Pallet Tank	\$2.60 /gal
1100 gal (in totes)	\$2.45 /gal

*Larger Quantities - Call for quote*

### **Nature's Source**

#### **° PLANT BIOTIK**

Biofertilizer

Live Beneficial Bacteria

Increases beneficial biological activity and enhances nutrient cycling, root architecture, and soil structure

**Direct Ship Only**

**-- FOB Mfr, TX --**

5+ lb	\$60.00 /lb
20+ lb	\$56.00 /lb
80+ lb	\$53.00 /lb

*Larger Quantities - Call for quote*

### **Agro Research**

#### **°AGRO GOLD SD**

Biological Amendment

**Streptomyces rimosus**

**Bacillus megaterium**

Bacterial blend allows for enhanced organic matter mineralization and plant nutrient uptake.

**-- FOB EO Warehouse, Texas --**

1 gal	\$63.00 /gal
4+ gal	\$61.00 /gal
20+ gal	\$58.50 /gal
80+ gal	\$57.00 /gal

**-- FOB Mfr, FL --**

80+ gal	\$53.00 /gal
Pallet (144 gal)	\$51.00 /gal

*Larger Quantities - Call for quote*

*Having abundant Organic*

*Residue to return to the soil is generally highly desirable for the biological farmer. Under the right conditions, this organic residue can eventually break down to form the more stable Organic Matter which is so important to a fertile soil. Yet, too much leftover residue at planting time can be a real problem. This often happens after a good corn crop, after a cover crop, or in a rapid succession of vegetable plantings.*

*Residue (below) is formulated to quickly and efficiently break down **Organic Residue (ok)** into **Organic Matter (great!)**.*

### **Douglas Plant Health**

#### **°RESIDUE WS**

Fungal Decay Organisms

Creates rapid, comprehensive, and nutrient-efficient breakdown of crops, manure, and pesticide residues through use of selected fungal micro-organisms

**Direct Ship Only**

**-- FOB Mfr, IL --**

1+ lb	\$125.00 /lb
5+ lb	\$110.00 /lb
10+ lb	\$95.00 /lb
30+ lb	\$90.00 /lb

*Larger Quantities - Call for quote*

*(\$6 - \$18/ acre - amount of product used is dependent on crop residue amount and rate of decomposition desired)*

# Soil Amendments

Promoting Soil Structure, Nutrient Cycling, Internal Drainage, and Beneficial Biological Activity

## MICROBES AND FOOD SOURCES

(cont)

**NRG Activate Series** of organisms  
(like most beneficial micro-organisms)  
have been shown to work most  
effectively **when applied into a 'rich'**  
**soil with readily available organic food**  
**sources AND/OR when applied with**  
**such sources:**

liquid fish, humic acids, etc, and  
especially

NRG's proprietary food source:  
**Wake-Up Organo.**

These Activate species are  
selected for **individual**  
**characteristics and combined**  
**as appropriate to achieve**  
**desired results in a given crop**  
**and soil setting while creating**  
**synergistic effects benefitting**  
**total soil health.**

### NRG

### °WAKE-UP ORGANO

Soluble Microbial Food

A proprietary rhizosphere-friendly blend  
of soluble nutrients. Stimulates rapid  
germination of Bacillus bacteria spores  
into active, growing cells.

Manufacturer recommended food  
source for all **Activate** Microbes

**Direct Ship Only**  
**-- FOB Mfr, CA --**

30+ lb \$15.75 /lb  
150+ lb \$14.75 /lb

*Larger Quantities - Call for quote*

### NRG

### °ACTIVATE SERIES

**WATER SOLUBLE MICROBES**

#### INDIVIDUAL BACTERIA SPECIES AND BLENDS

#### °ACTIVATE - PMSLA

B. pumilis, B. megaterium  
B. subtilis, B. licheniformis and  
B. amyloliquefaciens

5 bacillus species blend of  
bacteria spores. Improves soil  
nutrient recycling and maintains a  
healthy root environment.

#### °ACTIVATE - NF

B. megaterium, B. subtilis,  
B. licheniformis and B. sp.

4 bacillus species blend of  
Nitrogen-fixing bacteria spores  
These free living and root  
colonizing organisms fix soil  
nitrogen from the atmosphere

#### °ACTIVATE - A1005

Bacillus Subtilis

#### °ACTIVATE - A2004

Bacillus parabrevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens

#### °ACTIVATE - A2005

Bacillus brevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens.

**Direct Ship Only**  
**-- FOB Mfr, CA --**

1+ lb \$19.25 /oz  
20+ lb \$18.00 /oz

*Larger Quantities - Call for quote*

### NRG

### °ACTIVATE SERIES

**WATER SOLUBLE MICROBES**

**COMBINED WITH**  
**WAKEUP ORGANO (WUO)**

#### INDIVIDUAL BACTERIA SPECIES AND BLENDS

MIXED WITH PROPRIETARY  
SOLUBLE FOOD SOURCES

#### °ACTIVATE PMSLA + WUO

5 bacillus species blend of  
bacteria spores

#### °ACTIVATE NF + WUO

4 bacillus species blend of  
bacteria spores

#### °ACTIVATE - A1005 + WUO

Bacillus Subtilis

#### °ACTIVATE - A2004 + WUO

Bacillus parabrevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens

#### °ACTIVATE - A2005 + WUO

Bacillus brevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens.

**Direct Ship Only**

**-- FOB Mfr, CA --**

31.8 lb (bucket) \$33.00 /lb  
159 lb (5 buckets) \$31.00 /lb  
1000+ lb \$28.50 /lb

*Larger Quantities - Call for quote*

# Soil Amendments

*Promoting Soil Structure, Nutrient Cycling, Internal Drainage, and Beneficial Biological Activity*

## WETTING AGENTS AND SURFACTANTS

Surfactants or wetting agents can help positively change the permeability of a compacted soil, allowing for increased water and air movement, which are a prerequisite for optimal growth and health of plants and beneficial microorganisms.

### **Diamond K AQUA DRIVE**

A non-ionic surfactant additive designed to improve soil wetting and penetration of treated irrigation water. It reduces the surface tension of water by as much as 60%, allowing water to flow in a more effective and complete pattern through the soil profile.

#### **-- FOB EO Warehouse, Texas**

2.5 gal	\$43.50 /gal
5+ gal case	\$42.50 /gal
20+ gal	\$41.00 /gal
80+ gal	\$39.50 /gal

#### **-- FOB Mfr, UT --**

Pallet (180 gal)	\$34.50 /gal
Pallet Tank	\$31.50 /gal

*Larger Quantities - Call for quote*

### **JH Biotech °MIXWELL**

40.0%

B-Hydroxytricarballic acid

Improves soil characteristics by lowering the pH of alkaline (high pH) soil.

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$11.50 /gal
5+ gal	\$10.75 /gal
20+ gal	\$10.50 /gal
80+ gal	\$10.00 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$9.50 /gal
80+ gal	\$9.25 /gal
Pallet (180 gal)	\$7.65 /gal

*Larger Quantities - Call for quote*

### **JH Biotech °NATURAL WET**

Contains Saponins  
derived from Yucca Plants

10% Yucca compounds  
Facilitates nutrient & water absorption

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$21.50 /gal
5+ gal case	\$20.50 /gal
20+ gal	\$19.00 /gal
80+ gal	\$18.50 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$18.00 /gal
80+ gal	\$17.50 /gal
Pallet (180 gal)	\$16.00 /gal

*Larger Quantities - Call for quote*

### **Brandt Organics °AG-AIDE**

Yucca Extract

100% Yucca  
Natural, non-Ionic surfactant

#### **Clearance Price**

#### **-- on In-Stock Inventory --**

70 gal available @	\$75.00 /gal
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#### **Regular Price**

#### **-- FOB EO Warehouse, Texas --**

1 gal	\$122.50 /gal
4+ gal	\$110.50 /gal
20+ gal	\$106.00 /gal
80+ gal	\$99.50 /gal

#### **-- FOB Mfr, CA / IL --**

20+ gal	\$103.00 /gal
80+ gal	\$96.50 /gal
Pallet (144 gal)	\$89.50 /gal

*Larger Quantities - Call for quote*

## **Problem:**

**Poor internal drainage of the soil.**

*Whatever might be the reason for it (and there are many!), poor internal soil drainage compounds the challenges of growing a marketable, profitable crop.*

*It is an unfortunate fact that we are not all blessed with ideal soils perfectly suited for the crops we are growing. And even if our soils start out in pretty good shape, poor irrigation water quality can quickly make maintaining optimal soil tilth challenging. If a soil becomes too compacted to accept water easily at the surface and allow rapid infiltration, water is wasted and problems multiply.*

## **A Partial Solution**

**Wetting agents and/or surfactants**

**(←see products to left)**

*These products can "jump-start" the water infiltration process. And once internal drainage (and soil/air exchange) is improved, the application of biological and/or mineral amendments (see next section) will be more efficient in "nudging" the soil rhizosphere to a resilient, sustainable and "plant-friendly" condition.*

# Soil Amendments

*Promoting Soil Structure, Nutrient Cycling, Internal Drainage, and Beneficial Biological Activity*

## MINERALS

### CALCIUM AND SULFUR

The most productive range of soil pH for most edible plants is from about 6 to 7. Using Lime on low pH and Sulfur on high pH soils is a common and sensible way to temporarily adjust the pH of a marginal soil, improving its "growth quotient". Gypsum may also be used to improve soil friability or tilth, especially when calcium levels are low or the salt content of irrigation water is high.

### **90% SOIL SULFUR**

Pastille Sulfur

Influences soil chemistry;  
Improves mineral uptake and aids in sodium leaching in high pH soils

**-- FOB EO Warehouse, Texas --**

50+ lb	\$0.50 /lb
250+ lb	\$0.46 /lb
1000+ lb	\$0.43 /lb

**-- FOB Mfr, TX (Martin) --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

**-- FOB Mfr, AL (Tiger-Sul) --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

*Larger Quantities - Call for quote*

### **OR99.5% ELEMENTAL SULFUR**

Pastille Sulfur

Suitable for use in sulfur burners to improve irrigation water and soil environments

**Direct Ship Only**

**-- FOB Mfr, TX (Martin) --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

**-- FOB Mfr, AL (Tiger Sul) --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

*Larger Quantities - Call for quote*

### **Diamond K**

### **°GYPSUM**

### **SOLUTION GRADE 97**

Calcium Sulfate

Water soluble powder; Can be applied through drip or pivot, Improves soils irrigated with poor quality water

**-- FOB EO Warehouse, Texas --**

50+ lb	\$0.42 /lb
250+ lb	\$0.39 /lb
1000+ lb	\$0.36 /lb
Pallet (50 lb bags)	\$0.34 /lb

**-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.08 /lb
2000 lb Super Bag	\$0.08 /lb
3+ Super Bags	\$0.07 /lb

*Larger Quantities - Call for quote*

### **Calcium Products**

### **°SUPER CAL 98G**

Pelletized Limestone

98% pure calcitic limestone  
Calcium source and pH adjuster  
recommended for acidic soils

**Direct Ship Only**

**-- FOB Mfr, IA --**

Pallet (50 lb bags)	\$0.15 /lb
2000 lb Super Bag	\$0.14 /lb
3+ Super Bags	\$0.13 /lb

*Larger Quantities - Call for quote*



# Seed and Seed Trench Treatments

Seed and Seed Trench Treatments can enhance and accelerate germination, emergence, and the early growth of plants and are especially productive in difficult soil and temperature environments.

## Douglas Plant Health °BAC-PAC SEED TREAT

### Planter Box Treatment

Biostimulating bacterial formulation - enhances root zone environment

#### Direct Ship Only

#### -- FOB Mfr, IL --

30+ lb	\$26.50 /lb
150+ lb	\$25.50 /lb
900+ lb	\$24.75 /lb

*Larger Quantities - Call for quote*

## Douglas Plant Health °MYCO SEED TREAT

### Planter Box Treatment

5 species of Endo Mycorrhizal Fungi with helper bacteria creates a symbiotic relationship with plant roots; enhances rhizosphere; builds soil structure; improves mineral uptake and drought resistance

#### -- FOB EO Warehouse, Texas --

1+ lb	\$66.00 /lb
5+ lb	\$57.00 /lb
10+ lb	\$47.00 /lb

#### -- FOB Mfr, IL --

5+ lb	\$55.00 /lb
10+ lb	\$45.00 /lb
30+ lb	\$40.00 /lb
150+ lb	\$38.50 /lb
900+ lb	\$37.00 /lb

*Larger Quantities - Call for quote*

## CR Brown °BROWN'S FISH HYDROLYSATE

2 - 3 - 1

Cold processed hydrolysate  
Natural plant and microbe food  
Containing all original fish oils, proteins, and calcium sources.  
Promotes microbial growth and diversity  
Good source of available phosphate for early root growth

#### -- FOB EO Warehouse, Texas --

1+ gal	\$15.25 /gal
4+ gal	\$13.00 /gal
2.5 gal	\$13.00 /gal
5+ gal case	\$11.25 /gal
20+ gal	\$11.00 /gal
Drum - 55 gal	\$6.50 /gal
Drums 4-55 gal	\$6.00 /gal
Pallet Tank	\$4.50 /gal
1000 gal (in totes)	\$4.25 /gal

#### -- FOB Mfr, NC --

80+ gal	\$8.25 /gal
Pallet (180 gal)	\$7.75 /gal
Drum - 55 gal	\$4.75 /gal
Drums 4-55 gal	\$4.40 /gal
Pallet Tank	\$4.00 /gal
1040 gal (4 totes)	\$3.75 /gal
2600 gal (10 totes)	\$3.50 /gal
4680 gal (18 totes)	\$3.30 /gal

## Soil Mender °EARTHWORM CASTINGS

#### -- FOB EO Warehouse, Texas --

40+ lb	\$1.10 /lb
400+ lb	\$1.00 /lb
1000+ lb	\$0.95 /lb

#### -- FOB Mfr, TX --

1000 lb	\$0.90 /lb
Pallet (40 lb bags)	\$0.75 /lb
Pallet (super bag)	\$0.70 /lb

*Larger Quantities - Call for quote*

## Douglas Plant Health °SP-1

### Microbial Inoculant

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

#### -- FOB EO Warehouse, Texas --

2.5 gal	\$16.00 /gal
5+ gal	\$14.25 /gal
20+ gal	\$13.50 /gal

#### -- FOB Mfr, IL --

20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Drum - 30 gal	\$9.50 /gal
Pallet Tank	\$7.75 /gal
1000 gal (in totes)	\$7.60 /gal

*Larger Quantities - Call for quote*

## Douglas Plant Health °MVP

### Microbial Inoculant

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

#### -- FOB EO Warehouse, Texas --

2.5 gal	\$13.50 /gal
5+ gal	\$12.00 /gal
20+ gal	\$11.25 /gal
Drum - 30 gal	\$9.75 /gal

#### -- FOB Mfr, IL --

20+ gal	\$9.25 /gal
80+ gal	\$8.75 /gal
Drum - 30 gal	\$7.50 /gal
Pallet Tank	\$5.90 /gal
1000 gal (in totes)	\$5.65 /gal

*Larger Quantities - Call for quote*

## JH Biotech °SOLUPHOS SP

### Microbial Inoculant

Phosphate Solubilizing Bacteria  
*Bacillus licheniformis*  
*Pseudomonas putida*

#### Direct Ship Only

#### -- FOB Mfr, CA --

20+ lb	\$19.00 /lb
100+ lb	\$17.00 /lb

*Larger Quantities - Call for quote*

**Prices Subject to Change - All Orders Subject to Shipping Charges**

Earthwise Organics, Inc. HQ P.O. Box 176 La Ward, Texas 77970 call 956.207.0500 for latest quote

# Seed and Seed Trench Treatments

## Myco Apply

### °ENDO MYCORRHIZAE

#### FUNGAL SPECIES

Symbiotic with Plant Roots

Appropriate for a Wide Variety of Plants, Including Fruit and Nut Trees, Vegetables and Turfgrass.

#### °GRANULAR ENDO

4 species blend

For soil or media application

**Direct Ship Only**

-- FOB CA --

40+ lb	\$7.60 /lb
200+ lb	\$7.15 /lb
800+ lb	\$6.75 /lb

#### °ULTRAFINE ENDO

4 species blend

For dry or liquid application

Easily suspendable in water with minimal agitation

**Direct Ship Only**

-- FOB CA --

20+ lb	\$16.00 /lb
100+ lb	\$15.00 /lb
400+ lb	\$14.00 /lb

#### °ENDO MAXX

4 species blend

Concentrated wettable powder

10 grams treats approx 2.5 acres

**Direct Ship Only**

-- FOB CA --

1 bag (160 gm)	\$625.00 /bag
2 bags (320 gm)	\$617.50 /bag
4 bags (640 gm)	\$610.50 /bag
10 bags (1600 gm)	\$604.00 /bag

## Myco Apply

### °ENDO / ECTO

#### MYCORRHIZAE

#### FUNGAL SPECIES

Symbiotic with Plant Roots

Appropriate for conifers, oaks, pecans, others.

#### °GRANULAR ENDO / ECTO

4 Endo / 7 Ecto Species

For soil or media application

**Direct Ship Only**

-- FOB CA --

40+ lb	\$13.25 /lb
200+ lb	\$12.50 /lb
800+ lb	\$11.50 /lb

#### °ULTRAFINE ENDO / ECTO

4 Endo / 7 Ecto Species

For any dry or liquid application

Easily suspendable in water with minimal agitation

**Direct Ship Only**

-- FOB CA --

20+ lb	\$20.25 /lb
100+ lb	\$19.00 /lb
400+ lb	\$17.80 /lb

#### °SOLUBLE MAXX

#### ENDO / ECTO

9 Endo / 10 Ecto Species

w/ Kelp and Humic Acid

Water soluble Soil Drench w/specially blended amendments.

**Direct Ship Only**

-- FOB CA --

1+ lb	\$45.75 /lb
20+ lb	\$42.75 /lb
20+ lb	\$40.00 /lb
100+ lb	\$37.65 /lb

*MYCORRHIZAL Fungi create a symbiotic relationship with plant root systems. The plant supplies energy in the form of carbohydrates to the fungi - the fungal system supplies an enhanced mineral nutrient and water flow to the plant.*

*A plant "infected" with mycorrhizal fungi will receive nutrients and water from a larger volume of soil - It will also receive more nutrients even from within the "normal" root mass of the soil. This is because the mycorrhizal fungi hyphae explore much more of the soil area **between the root hairs** of the plant, making more full use of applied and existing soil nutrients before they are carried away from the root area by leaching, volatilization, and "tie-up".*

*See [earthwiseagriculture.net](http://earthwiseagriculture.net) for more info on the many benefits of mycorrhizal fungi to both plants and soils.*



# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## **NPK - FERTILIZERS**

Selected Products containing Nitrogen (N), Phosphorous (P), and/or Potassium (K) appropriate for sustainable and organic agricultural production

### **SQM OR ALLGANIC NITROGEN PLUS 15-0-2**

Water soluble source of N and K. N is in the Nitrate form which is often lacking in organic production systems.

**-- FOB EO Warehouse, Texas --**

50+ lb (/lb)	\$0.74 /lb
250+ lb (/lb)	\$0.66 /lb
1000+ lb (/lb)	\$0.64 /lb

**FOB Mfr,**

**-- OK / DE / IN / CA / GA --**

Pallet (50 lb bags)	\$0.52 /lb
2645 lb Super Bag	\$0.49 /lb
3+ Super Bags	\$0.48 /lb

*Larger Quantities - Call for quote*

### **NRG °ACTIVATE NF WITH WAKE-UP ORGANO**

Water Soluble, Nitrogen-Fixing Bacteria Spores and Soluble Food Sources  
These free living and root colonizing organisms have the capability to fix soil nitrogen from the atmosphere

**Direct Ship Only**

**-- FOB Mfr, CA --**

31.8 lb (bucket)	\$34.00 /lb
159 lb (5 buckets)	\$31.50 /lb
1000+ lb	\$29.50 /lb

*Larger Quantities - Call for quote*

### **Ferti-Organic °NITRO PLUS**

13.62-0-0

Water Soluble, Derived from non-GMO soy protein. Recommended for soil, foliar, hydroponic applications  
(Rates of 2 - 9 lb per acre)

**-- FOB EO Warehouse, Texas --**

50+ lb (/lb)	\$4.50 /lb
250+ lb (/lb)	\$4.25 /lb
1000+ lb (/lb)	\$4.00 /lb
Pallet (50 lb bags)	\$3.75 /lb

*Larger Quantities - Call for quote*

### **Darling Ingredients**

#### **NATURE SAFE**

#### **°BLENDING BASE 13-0-0**

13% slow release N (Pellets)

Hydrolyzed feather, meat, and blood meal.

**Direct Ship Only**

**-- FOB Mfr, KY --**

Pallet (50 lb bags)	\$0.65 /lb
2000 lb Super Bag	\$0.65 /lb
3+ Super Bags	\$0.63 /lb

*Larger Quantities - Call for quote*

### **Darling Ingredients**

#### **NATURE SAFE**

#### **°10-2-8 COARSE GRADE**

Hydrolyzed feather, meat, bone and blood meal with sulfate of potash

**Direct Ship Only**

**-- FOB Mfr, KY --**

Pallet (50 lb bags)	\$0.69 /lb
2000 lb Super Bag	\$0.69 /lb
3+ Super Bags	\$0.67 /lb

*Larger Quantities - Call for quote*

### **HE Ranch**

#### **°THE FARMS CHOICE COOP JUICE 2-1-1**

Liquid Chicken Manure

Stimulates rooting, plant vigor, and microbial activity

Derived from microbially digested chicken manure solution

**-- FOB Mfr, AZ --**

Pallet Tank	\$2.25 /gal
1000 gal (in totes)	\$2.20 /gal

*Larger Quantities - Call for quote*

### **CR Brown**

#### **°BROWN'S FISH HYDROLYSATE**

2 - 3 - 1

Cold processed hydrolysate

Natural plant and microbe food

Containing all original fish oils, proteins and calcium sources

**-- FOB EO Warehouse, Texas --**

1 gal	\$15.25 /gal
4+ gal	\$13.00 /gal
2.5 gal	\$13.00 /gal
5+ gal case	\$11.25 /gal
20+ gal	\$11.00 /gal
Drum - 55 gal	\$6.50 /gal
Drums 4-55 gal	\$6.00 /gal
Pallet Tank (260 gal)	\$4.50 /gal
1000 gal (in totes)	\$4.25 /gal

**-- FOB Mfr, NC --**

80+ gal	\$8.25 /gal
Pallet (180 gal)	\$7.75 /gal
Drum - 55 gal	\$4.75 /gal
Drums 4-55 gal	\$4.40 /gal
Pallet Tank (260 gal)	\$4.00 /gal
1040 gal (4 totes)	\$3.75 /gal
2600 gal (10 totes)	\$3.50 /gal

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## **NPK - FERTILIZERS**

**(CONT)**

### **JH Biotech °AQUA POWER 5-1-1**

Liquid plant nutrient derived from marine fish species. Slow release N, plus 20 amino acids, 13 vitamins, and 8 minerals in trace amounts

**-- FOB EO Warehouse, Texas --**

1 gal clearance	\$16.00 /gal
4+ gal clearance	\$14.00 /gal
2.5 gal	\$15.50 /gal
5+ gal case	\$13.75 /gal
20+ gal	\$13.50 /gal
80+ gal	\$13.00 /gal

**-- FOB Mfr, TX / CA / FL --**

20+ gal	\$12.50 /gal
80+ gal	\$12.25 /gal
Pallet (180 gal)	\$10.75 /gal
Drum - 55 gal	\$10.50 /gal
Drums 4-55 gal	\$10.00 /gal
Pallet Tank (250 gal)	\$10.25 /gal

*Larger Quantities - Call for quote*

### **Nature's Source ° ORGANIC PLANT FOOD 3-1-1**

**Derived from fermented oilseed extract**

Appropriate for continuous feed (hydroponic) and for field crops

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$12.00 /gal
5+ gal	\$11.50 /gal
4.7+ gal	\$10.50 /gal
20+ gal	\$10.50 /gal
80+ gal	\$10.25 /gal
55 gal	\$9.25 /gal

**-- FOB Mfr, TX --**

80+ gal	\$9.50 /gal
Pallet (180 gal)	\$8.75 /gal
Drum - 55 gal	\$8.75 /gal
Drums 4-55 gal	\$8.00 /gal
Pallet Tank (275 gal)	\$7.75 /gal

*Larger Quantities - Call for quote*

### **Dramm Corp OR DRAMMATIC "ONE" LIQUID FISH**

4 - 4 - 0.5

Cold processed hydrolysate with Chilean Nitrate, Kelp, and Fulvic Acid  
Natural plant and microbe food  
Containing all original Fish oils and Calcium sources

**Direct Ship Only**

**-- FOB Mfr, IL --**

Pallet Tank	\$10.15 /gal
1000 gal (in totes)	\$9.80 /gal

*Larger Quantities - Call for quote*

### **Albion METALOSATE NPK**

**Metalosate NPK 4-17-17**

Liquid formulation - designed for foliar application on plants to prevent or quickly correct nutrient deficiencies

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$36.25 /gal
5+ gal case	\$33.75 /gal
20+ gal	\$32.50 /gal

**-- FOB Mfr, CA / UT --**

20+ gal	\$31.00 /gal
80+ gal	\$30.25 /gal
Pallet (180 gal)	\$29.50 /gal

*Larger Quantities - Call for quote*

### **Summit Gold °GENESYS N-FORCE 8-0-0**

**Nutrients derived from  
plant protein hydrolysate**

100% derived from L-amino acids  
Appropriate use as foliar, in furrow treatment, and drip irrigation

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$21.00 /gal
5+ gal	\$20.00 /gal
20+ gal	\$19.50 /gal
80+ gal	\$19.00 /gal

**-- FOB Mfr, TX --**

Pallet (180 gal)	\$14.50 /gal
Pallet Tank (265 gal)	\$12.50 /gal

*Larger Quantities - Call for quote*

### **Nature's Source NURSERY AND SPECIAL PLANT FOOD 10-4-5**

**Derived from oilseed extract and  
fortified with NPK**

Contains secondary micronutrients along with calcium and magnesium. Lower in salts than most commonly used water-soluble fertilizers.

**Direct Ship Only**

**-- FOB Mfr, TX --**

80+ gal	\$8.75 /gal
Pallet (180 gal)	\$8.25 /gal
Drum - 55 gal	\$5.50 /gal
Drums 4-55 gal	\$5.25 /gal
Pallet Tank (275 gal)	\$5.50 /gal

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## **NPK - FERTILIZERS**

### **CHICKEN MANURE PRODUCTS**

#### **HE Ranch**

*FOB Arizona*

Source of slow release N;  
also a good source of Ca, P, and K

#### **°THE FARMS CHOICE 4-2-2**

Chicken Manure **Pellets**

**-- FOB EO Warehouse, Texas --**

50+ lb (/lb)	\$0.50 /lb
250+ lb (/lb)	\$0.45 /lb
1000+ lb (/lb)	\$0.40 /lb

**-- FOB Mfr, AZ --**

Pallet (50 lb bags)	\$0.18 /lb
2000 lb Super Bag	\$0.16 /lb
3+ Super Bags	\$0.15 /lb

*Larger Quantities - Call for quote*

#### **Heat Treated** Chicken Manure

A meal-type product - can be dusty

**Direct Ship Only**

**-- FOB Mfr, AZ --**

Pallet (50 lb bags)	\$0.16 /lb
2000 lb Super Bag	\$0.13 /lb
3+ Super Bags	\$0.12 /lb

*Larger Quantities - Call for quote*

#### **°THE FARMS CHOICE 6-2-2**

**+ 8% CALCIUM**

Chicken Manure **Pellets**

**-- FOB EO Warehouse, Texas --**

50+ lb (/lb)	\$0.62 /lb
250+ lb (/lb)	\$0.57 /lb
1000+ lb (/lb)	\$0.53 /lb

**-- FOB Mfr, AZ --**

Pallet (50 lb bags)	\$0.28 /lb
2000 lb Super Bag	\$0.25 /lb
3+ Super Bags	\$0.21 /lb

*Larger Quantities - Call for quote*

#### **Heat Treated** Chicken Manure

A meal-type product - can be dusty

**Direct Ship Only**

**-- FOB Mfr, AZ --**

Pallet (50 lb bags)	\$0.23 /lb
2000 lb Super Bag	\$0.21 /lb
3+ Super Bags	\$0.19 /lb

*Larger Quantities - Call for quote*

#### **°THE FARMS CHOICE 8-2-2**

**+ 8% CALCIUM**

Chicken Manure **Pellets**

**Direct Ship Only**

**-- FOB Mfr, AZ --**

Pallet (50 lb bags)	\$0.32 /lb
2000 lb Super Bag	\$0.29 /lb
3+ Super Bags	\$0.28 /lb

*Larger Quantities - Call for quote*

#### **°THE FARM'S CHOICE**

**10-2-0 POULTRY MEAL**

Fine **Meal** Consistency

Quickly breaks down with watering

**Direct Ship Only**

**-- FOB Mfr, AZ --**

2000 lb Super Bag	\$0.31 /lb
3+ Super Bags	\$0.30 /lb

*Quotes for Larger Quantities Available*

#### **Fassio Farms**

*FOB Utah*

#### **°KAY'S CHOICE 4-3-2**

**+ 8% CALCIUM**

**Pelletized** Chicken Manure

Source of slow release N;  
also a source of Ca, P, and K

**Direct Ship Only**

**-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.18 /lb
2000 lb Super Bag	\$0.15 /lb
3+ Super Bags	\$0.14 /lb

*Larger Quantities - Call for quote*

#### **°KAY'S CHOICE 4-3-2**

**+ 8% CALCIUM**

**Granulated** Chicken Manure

Slow release N; also a source of  
Ca, P, and K

**Direct Ship Only**

**-- FOB Mfr, UT --**

2000 lb Super Bag	\$0.17 /lb
3+ Super Bags	\$0.16 /lb

*Larger Quantities - Call for quote*

#### **Cold Spring Egg Farm**

*FOB Wisconsin*

Source of slow release N; also a good  
source of Ca, P, and K

#### **°CM 4-3-2**

**+ 9% CALCIUM**

**Granular**

**Direct Ship Only**

**-- FOB Mfr, WI --**

Pallet (40 lb bags)	\$0.20 /lb
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*Larger Quantities - Call for quote*

#### **°CM 4-3-2**

**+ 9% CALCIUM**

**Pelletized**

**Direct Ship Only**

**-- FOB Mfr, WI --**

Pallet (40 lb bags)	\$0.18 /lb
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*Larger Quantities - Call for quote*

#### **°CM 5-3-2**

**+ 9% CALCIUM**

**Granular**

**Unavailable in 2021**

2000 lb Super Bag	\$x.xx /lb
3+ Super Bags	\$x.xx /lb

*Larger Quantities - Call for quote*

#### **°CM 5-3-2**

**+ 9% CALCIUM**

**Pelletized**

**Unavailable in 2021**

2000 lb Super Bag	\$x.xx /lb
3+ Super Bags	\$x.xx /lb

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## **NPK - FERTILIZERS**

### **(CONT)**

#### **Diamond K °POTASSIUM SULFATE**

0-0-50

Water Soluble, Fine Powder

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$0.90 /lb
250+ lb	\$0.87 /lb
1000+ lb	\$0.85 /lb
Pallet (50 lb bags)	\$0.82 /lb

#### **-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.57 /lb
2000 lb Super Bag	\$0.56 /lb
3+ Super Bags	\$0.54 /lb

*Larger Quantities - Call for quote*

#### **SQM OR ALLGANIC POTASSIUM SULFATE**

0-0-52

Water Soluble, Fine Powder

#### **FOB Mfr,**

#### **-- OK / DE / IN / CA / GA --**

Pallet (50 lb bags)	\$0.51 /lb
2645 lb Super Bag	\$0.50 /lb
3+ Super Bags	\$0.48 /lb

*Larger Quantities - Call for quote*

#### **Intrepid OR POTASH**

Muriate of Potash 0-0-60

Potassium Chloride

*Granular - SGN 290 (2.9 mm)*

#### **Direct Ship Only**

#### **-- FOB Mfr, UT --**

5+ Super Bags	\$0.33 /lb
10+ Super Bags	\$0.32 /lb
Bulk Truckload	QUOTE /lb

*Larger Quantities - Call for quote*

#### **Albion °METALOSATE POTASSIUM**

Amino Acid Chelated

Water Soluble

3.0% N; 35.0% K (Potash)

#### **-- FOB EO Warehouse, Texas --**

5 lb (jug)	\$18.75 /lb
10+ lb	\$16.00 /lb
20+ lb	\$15.50 /lb
40+ lb	\$15.00 /lb

#### **-- FOB Mfr, UT / CA --**

20+ lb	\$15.00 /lb
40+ lb	\$14.50 /lb
44 lb bag	\$12.50 /lb
220 lb (5 bags)	\$11.25 /lb

*Larger Quantities - Call for quote*

#### **Fertoz °ROCK PHOSPHATE + SULFUR BLEND**

*180 or 240 SGN Granular*

70% - Granular Rock Phosphate 0-7-0  
+ 30% Granulated Elemental Sulfur

#### **Direct Ship Only**

#### **-- FOB Mfr, ID --**

Pallet (50 lb bags)	\$0.37 /lb
2000 lb Super Bag	\$0.34 /lb
3+ Super Bags	\$0.32 /lb

*Larger Quantities - Call for quote*

#### **Diamond K °KMS**

0-0-22-11Mg-22S

Potassium-Magnesium Sulfate

Very Fine, Water Soluble Powder

Note: Short Storage Life in High Humidity Areas

#### **Direct Ship Only**

#### **-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.46 /lb
2000 lb Super Bag	\$0.45 /lb
3+ Super Bags	\$0.43 /lb

*Larger Quantities - Call for quote*

#### **Intrepid °TRIO**

Organic K-Mag

0-0-22-11Mg-22S

Potassium-Magnesium Sulfate

*Granular - SGN 260 (2.6 mm)*

#### **Direct Ship Only**

#### **-- FOB Mfr, NM --**

5+ Super Bags	\$0.30 /lb
10+ Super Bags	\$0.28 /lb
Bulk Truckload	QUOTE

*Larger Quantities - Call for quote*

#### **Direct Ship Only**

#### **-- FOB Mfr, IL --**

5+ Super Bags	\$0.38 /lb
10+ Super Bags	\$0.36 /lb
Bulk Truckload	QUOTE

*Call for status of availability of  
bagged product*

*Standard - SGN 105 (1.05 mm)*

#### **Direct Ship Only**

#### **-- FOB Mfr, NM --**

5+ Super Bags	\$0.28 /lb
10+ Super Bags	\$0.27 /lb
Bulk Truckload	QUOTE /lb

*Larger Quantities - Call for quote*

*Fine Standard - SGN 40 (0.4 mm)*

#### **Direct Ship Only**

#### **-- FOB Mfr, NM --**

5+ Super Bags	\$0.28 /lb
10+ Super Bags	\$0.27 /lb
Bulk Truckload	QUOTE /lb

*Larger Quantities - Call for quote*

#### **Compass Minerals °PROTASSIUM+**

0-0-50 Plus 17% Sulfur

*Organic Ag Gran (310 SGN)*

#### **Direct Ship Only**

#### **-- FOB Mfr, UT / IL --**

2000 lb Super Bag	\$0.49 /lb
3+ Super Bags	\$0.46 /lb

*Larger Quantities - Call for quote*

# Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

## NPK - FERTILIZERS

### PHOSPHORUS

**Fertoz**

**°ROCK PHOSPHATE**

0-7-0

Calcium Phosphate

**50 - 150 Mesh (Powdered)**

**Direct Ship Only**

**-- FOB Mfr, ID --**

Pallet (50 lb bags)	\$0.15 /lb
2000 lb Super Bag	\$0.12 /lb
3+ Super Bags	\$0.11 /lb

*Larger Quantities - Call for quote*

**325 Mesh Micronized**

**Direct Ship Only**

**-- FOB Mfr, ID --**

Pallet (50 lb bags)	\$0.48 /lb
2000 lb Super Bag	\$0.43 /lb
3+ Super Bags	\$0.40 /lb

*Larger Quantities - Call for quote*

**180 or 240 SGN Granular**

**Direct Ship Only**

**-- FOB Mfr, ID --**

Pallet (50 lb bags)	\$0.38 /lb
2000 lb Super Bag	\$0.34 /lb
3+ Super Bags	\$0.32 /lb

*Larger Quantities - Call for quote*

**Soda Springs**

**°SOFT ROCK PHOSPHATE**

20% Calcium, 20% Phosphate

Prilled - Molasses Binder

**Direct Ship Only**

**-- FOB Mfr, ID --**

Pallet (50 lb bags)	\$0.16 /lb
2150 lb Super Bag	\$0.14 /lb
3+ Super Bags	\$0.13 /lb

*Larger Quantities - Call for quote*

*Soluphos SP (below) is not a phosphorous fertilizer, but contains phosphorous solubilizing organisms that can help make the native soil phosphorous more available It is recommended as part of an in-furrow application at planting to improve P availability during emergence and early growth*

**JH Biotech**

**°SOLUPHOS SP**

Microbial Inoculant

Phosphate Solubilizing Bacteria

*Bacillus licheniformis*

*Pseudomonas putida*

**Direct Ship Only**

**-- FOB Mfr, CA --**

20+ lb	\$19.00 /lb
100+ lb	\$17.00 /lb

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## ADJUVANTS

Products designed to maximize the efficiency of liquid fertilizers and/or pesticides for plant or soil application

### **JH Biotech**

#### **°NATURAL WET**

Contains Saponins  
Natural, non-Ionic surfactant  
derived from Yucca Plants  
Facilitates nutrient & water absorption

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$21.50 /gal
5+ gal case	\$20.50 /gal
20+ gal	\$19.00 /gal
80+ gal	\$18.50 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$18.00 /gal
80+ gal	\$17.50 /gal
Pallet (180 gal)	\$16.00 /gal

*Larger Quantities - Call for quote*

### **Brandt Organics**

#### **°AG-AIDE**

Yucca Extract, 100% Yucca  
Natural, non-Ionic surfactant  
Facilitates nutrient & water absorption

#### **Clearance Price**

#### **-- on In-Stock Inventory --**

70 gal available @ \$75.00 /gal

#### **Regular Price**

#### **-- FOB EO Warehouse, Texas --**

1 gal	\$122.50 /gal
4+ gal	\$110.50 /gal
20+ gal	\$106.00 /gal
80+ gal	\$99.50 /gal

#### **-- FOB Mfr, CA / IL --**

20+ gal	\$103.00 /gal
80+ gal	\$96.50 /gal
Pallet (144 gal)	\$89.50 /gal

*Larger Quantities - Call for quote*

### **Brandt**

#### **°SUPER WETTER**

Organosilicone Surfactant

Highly concentrated, esp effective for low-volume spraying

#### **-- FOB EO Warehouse, Texas --**

1 gal	\$102.00 /gal
4+ gal	\$94.75 /gal
20+ gal	\$88.50 /gal

#### **-- FOB Mfr, CA / IL --**

20+ gal	\$85.25 /gal
80+ gal	\$80.00 /gal
Pallet (144 gal)	\$74.00 /gal

*Larger Quantities - Call for quote*

### **Mesa Verde**

#### **°MV Soluble Powder**

80% Humic Acid - Water Soluble  
Buffers/assists plant nutrient uptake, in foliar and hydroponic formulations

2200 lb pallet makes 1300+ gal  
15% Humic Acid Solution

#### **Direct Ship Only**

#### **-- FOB Mfr, TX --**

Pallet (55 lb bags) \$2.75 /lb

*Larger Quantities - Call for quote*

### **NRG**

#### **°POWER K HUMIC ACID**

Soluble Powder

55% Humic, 30% Fulvic

Buffers/assists plant nutrient uptake, in foliar and hydroponic formulations

#### **-- FOB EO Warehouse, Texas --**

25+ lb	\$7.50 /lb
50+ lb	\$7.00 /lb
250+ lb	\$6.50 /lb

#### **-- FOB Mfr, CA --**

250+ lb	\$6.25 /lb
1000+ lb	\$5.25 /lb
Pallet (50 lb bags)	\$4.75 /lb

*Larger Quantities - Call for quote*

### **Ferti-Organic**

#### **°SOLUBLE HUMIC ACID**

Soluble Powder

60% Humic Acid; 7% Potash  
Use in the soil or as foliar adjuvant

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$3.50 /lb
250+ lb	\$2.75 /lb
1000+ lb	\$2.50 /lb
Pallet (50 lb bags)	\$2.25 /lb

*Larger Quantities - Call for quote*

### **Ferti-Organic**

#### **°FULVIC PLUS**

Soluble Powder

90% Fulvic Acid

Buffers/assists plant nutrient uptake, in foliar and hydroponic formulations

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$4.25 /lb
250+ lb	\$3.50 /lb
1000+ lb	\$3.25 /lb
Pallet (50 lb bags)	\$2.75 /lb

*Larger Quantities - Call for quote*

### **JC Smith Co.**

#### **°LIQUID 16% HUMIC ACID**

Buffers/assists plant nutrient uptake, in foliar and hydroponic formulations

#### **Direct Ship Only**

#### **-- FOB Mfr, TX --**

Pallet Tank	\$7.40 /gal
1000 gal (in totes)	\$7.00 /gal

*Larger Quantities - Call for quote*

### **LignoTech USA**

#### **°BORREGRO HA-2**

Concentrated, 15% Liquid Humic Acid

#### **Direct Ship Only**

#### **-- FOB Mfr, WI --**

Pallet Tank	\$6.35 /gal
1000+ gal (in totes)	\$6.05 /gal

*Larger Quantities - Call for quote*



# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## ADJUVANTS (cont)

### **Brandt Organics** **OR SKH STICKER**

Bentonite, Lactose and Casein

Use with foliar insecticides, fungicides, herbicides and nutritional sprays to increase rain fastness

**-- FOB EO Warehouse, Texas --**

5+ lb	\$5.00 /lb
20+ lb	\$4.25 /lb
50+ lb (case)	\$3.50 /lb

**-- FOB Mfr, CA / IL --**

50+ lb (case)	\$2.05 /lb
250+ lb (5 cases)	\$1.90 /lb
500+ lb (10 cases)	\$1.75 /lb
Pallet (1400 lb)	\$1.60 /lb

*Larger Quantities - Call for quote*

### **Ferti-Organic** **°KARANJA OIL**

Cold Pressed Karanja Oil

Adjuvant - Improves Efficacy of Neem Oil and other Pesticides

**-- FOB EO Warehouse, Texas --**

1 gal	\$40.00 /gal
4+ gal	\$38.00 /gal
5+ gal	\$36.50 /gal
20+ gal	\$34.50 /gal
80+ gal	\$33.00 /gal
Pallet (160 gal)	\$31.50 /gal
Drum - 55 gal	\$32.50 /gal
Drums 4-55 gal	\$30.50 /gal

*Larger Quantities - Call for quote*

### **JH Biotech** **OR BIOREPEL**

Penetrant

Assists nutrient movement across the leaf membrane in foliar applications

*Also see in Plant Protection*

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$56.00 /gal
5+ gal	\$54.00 /gal
20+ gal	\$52.50 /gal
80+ gal	\$49.00 /gal

**-- FOB Mfr, TX / CA / FL --**

20+ gal	\$51.75 /gal
80+ gal	\$48.25 /gal
Pallet (180 gal)	\$42.00 /gal
Drum - 55 gal	\$44.50 /gal
Drums 4-55 gal	\$41.50 /gal

*Larger Quantities - Call for quote*

### **JH Biotech** **°MIXWELL**

Acidifier-Complexing Agent

Acidifies high pH tank mixes

Helps make fertilizers more compatible in tank mixes, especially P

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$11.50 /gal
5+ gal	\$10.75 /gal
20+ gal	\$10.50 /gal
80+ gal	\$10.00 /gal

**-- FOB Mfr, TX / CA / FL --**

20+ gal	\$9.50 /gal
80+ gal	\$9.25 /gal
Pallet (180 gal)	\$7.65 /gal

*Larger Quantities - Call for quote*

### **Agro Research**

#### **° ORGANIC CITRIC ACID**

10% - For water pH adjustment

Adjusts water pH levels as required for certain tank mixes

**-- FOB EO Warehouse, Texas --**

1 gal	\$12.00 /gal
4+ gal	\$11.00 /gal
20+ gal	\$10.00 /gal
80+ gal	\$9.50 /gal

**-- FOB Mfr, FL --**

80+ gal	\$7.00 /gal
Pallet (144 gal)	\$6.00 /gal

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## MINOR ELEMENTS TRACE MINERALS

Micronutrients or trace minerals can be the limiting growth or quality factor even in well mineralized soils. Soil and petiole tests can indicate plant needs and are generally required for organic certification.

### **Diamond K °GYPSUM SOLUTION GRADE 97**

Calcium Sulfate  
Water Soluble Powder; Can be Applied  
Through Drip or Pivot

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$0.42 /lb
250+ lb	\$0.39 /lb
1000+ lb	\$0.36 /lb
Pallet (50 lb bags)	\$0.34 /lb

#### **-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.08 /lb
2000 lb Super Bag	\$0.08 /lb
3+ Super Bags	\$0.07 /lb

*Larger Quantities - Call for quote*

### **Calcium Products**

#### **°SUPER CAL 98G**

Pelletized Limestone

98% pure calcitic limestone  
Calcium source and pH adjuster

#### **Direct Ship Only**

#### **-- FOB Mfr, IA --**

Pallet (50 lb bags)	\$0.15 /lb
2000 lb Super Bag	\$0.14 /lb
3+ Super Bags	\$0.13 /lb

*Larger Quantities - Call for quote*

## **°90% SOIL SULFUR**

Pastille Sulfur

More commonly used for soil pH  
adjustment but also cost effective if  
sulfur is needed as a nutrient  
**SEE PAGE 6 FOR PH ADJUSTMENT DESCRIPTION**

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$0.50 /lb
250+ lb	\$0.46 /lb
1000+ lb	\$0.43 /lb

#### **-- FOB Mfr, TX (Martin) --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

#### **-- FOB Mfr, AL (Tiger-Sul) --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

*Larger Quantities - Call for quote*

## **°MAGNESIUM SULFATE**

Epsom Salt

Water Soluble Magnesium source

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$0.55 /lb
250+ lb	\$0.50 /lb
1000+ lb	\$0.45 /lb

#### **-- FOB Mfr, TX --**

1000+ lb	\$0.40 /lb
Pallet (50 lb bags)	\$0.35 /lb

*Larger Quantities - Call for quote*

## **°COPPER SULFATE**

20% Copper

Sprayable Copper Fertilizer

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$2.40 /lb
250+ lb	\$2.25 /lb
1000+ lb	\$2.10 /lb

#### **-- FOB Mfr, TX --**

1000+ lb	\$2.00 /lb
Pallet (50 lb bags)	\$1.90 /lb

*Larger Quantities - Call for quote*

## **Brandt °IRON SULFATE**

20% Iron

Slowly Water Soluble

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$0.80 /lb
250+ lb	\$0.75 /lb
1000+ lb	\$0.70 /lb

#### **-- FOB Mfr, TX --**

1000+ lb	\$0.58 /lb
Pallet (50 lb bags)	\$0.47 /lb

*Larger Quantities - Call for quote*

## **°ZINC SULFATE**

+/- 35% Zinc

Granular, Slowly Water Soluble

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$1.25 /lb
250+ lb	\$1.15 /lb
1000+ lb	\$1.10 /lb

#### **-- FOB Mfr, TX --**

1000+ lb	\$1.05 /lb
Pallet (50 lb bags)	\$0.95 /lb

*Larger Quantities - Call for quote*

## **°MANGANESE SULFATE**

+/- 35% Manganese

Granular, Slowly Water Soluble

#### **-- FOB EO Warehouse, Texas --**

55+ lb	\$1.05 /lb
275+ lb	\$0.95 /lb
1100+ lb	\$0.90 /lb

#### **-- FOB Mfr, TX --**

1100+ lb	\$0.85 /lb
Pallet (55 lb bags)	\$0.75 /lb

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## MINOR ELEMENTS AND TRACE MINERALS (CONT)

### **Azomite Minerals**

#### **°AZOMITE**

Granular (For Crops)

Natural volcanic and sedimentary  
"exotic" trace mineral source

#### **-- FOB EO Warehouse, Texas --**

44+ lb	\$0.48 /lb
220+ lb	\$0.46 /lb
1100+ lb	\$0.45 /lb

#### **-- FOB Mfr, TX --**

1100+ lb	\$0.37 /lb
Pallet (44 lb bags)	\$0.36 /lb
Super Bags (3+)	\$0.35 /lb
Super Bags (10+)	\$0.34 /lb

#### **-- FOB Mfr, UT --**

Pallet (44 lb bags)	\$0.28 /lb
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*Larger Quantities - Call for quote*

### **Azomite Minerals**

#### **°AZOMITE**

Micronized (For Crops or Feed)

Natural volcanic and sedimentary  
"exotic" trace mineral source

#### **-- FOB EO Warehouse, Texas --**

44+ lb	\$0.44 /lb
220+ lb	\$0.42 /lb
1100+ lb	\$0.41 /lb

#### **-- FOB Mfr, TX --**

Pallet (44 lb bags)	\$0.34 /lb
Super Bags (3+)	\$0.33 /lb
Super Bags (10+)	\$0.32 /lb

#### **-- FOB Mfr, UT --**

Pallet (44 lb bags)	\$0.25 /lb
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*Larger Quantities - Call for quote*

### **Healthy Soil**

#### **°ECO-MIN**

Natural clay-based "exotic" trace  
minerals for soil applications

#### **Direct Ship Only**

#### **-- FOB Mfr, CA --**

Pallet (50 lb bags)	Call
2000 lb Super Bag	For
3+ Super Bags	Quote

*Quotes for Bulk and Larger Quantities Available*

### **Restora Life**

#### **°FLORA-STIM**

Natural clay-based "exotic" trace  
minerals for soil applications

#### **Direct Ship Only**

#### **-- FOB Mfr, MS --**

Pallet (50 lb bags)	\$0.25 /lb
Super Bag (2000 lb)	\$0.24 /lb
Super Bags (3+)	\$0.23 /lb

*Larger Quantities - Call for quote*

### **Certis**

#### **AgSil 16H**

Foliar/Soil Available Bionutrient

Soluble potassium silicate providing the  
plant a 100% available source of silicon  
and potassium that are essential for  
optimum plant growth and health.  
Potassium Silicate strengthens the  
plant's internal processes and external  
defenses

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$5.40 /lb
250+ lb	\$5.10 /lb
1000+ lb	\$4.85 /lb
Pallet (50 lb bags)	\$4.65 /lb

*Larger Quantities - Call for quote*

### **U.S. Borax**

#### **°SOLUBOR**

20% Boron

Water Soluble

**Note\*** Caution needed when  
applying Boron, especially foliar

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$2.10 /lb
250+ lb	\$1.95 /lb
1000+ lb	\$1.85 /lb

#### **-- FOB Mfr, CA / IL --**

250+ lb	\$1.75 /lb
1000+ lb	\$1.65 /lb
Pallet (50 lb bags)	\$1.45 /lb

*Larger Quantities - Call for quote*

### **U.S. Borax**

#### **°Granubor**

15.0% Boron

Water Soluble, Spreadable Boron

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$1.50 /lb
250+ lb	\$1.40 /lb
1000+ lb	\$1.30 /lb

#### **-- FOB Mfr, CA / IL --**

250+ lb	\$1.20 /lb
1000+ lb	\$1.10 /lb
Pallet (50 lb bags)	\$1.00 /lb

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## MINOR ELEMENTS TRACE MINERALS (CONT)

### **Ferti-Organic** **°SEAWEED/KELP**

Natural Foliar Spray

Water Soluble. Provides natural, balanced micronutrients for rapid uptake at critical growth points, Helps stimulate natural plant defenses and generally helps increase plant strength and vigor

**-- FOB EO Warehouse, Texas --**

50+ lb	\$5.25 /lb
250+ lb	\$5.00 /lb
1000+ lb	\$4.75 /lb
Pallet (50 lb bags)	\$4.30 /lb

*Larger Quantities - Call for quote*

### **JH Biotech** **°SEAMAX** 1-0-0.8

Comprised of humic acid and kelp (Ascophyllum Nodosum) extracts Enhances micronutrient uptake, increases yields, promotes root development, and increases plant strength and vigor.

**-- FOB EO Warehouse, Texas --**

2,5 gal	\$23.50 /gal
5+ gal	\$21.00 /gal
20+ gal	\$20.50 /gal
80+ gal	\$20.00 /gal

**-- FOB Mfr, TX / CA / FL --**

20+ gal	\$19.50 /gal
80+ gal	\$19.00 /gal
Pallet (180 gal)	\$17.25 /gal

*Larger quantities - Call for quote*

## MINOR ELEMENTS TRACE MINERALS

### COMPLEXED

### **NRG** **CALCIUM CHELATE**

6% Calcium, 0.5% Boron  
Complexed Liquid, Efficient Uptake

**Not allowable for Organic use**

**-- FOB Mfr, CA --**

Pallet Tank	\$5.25 /gal
1000 gal (in totes)	\$5.00 /gal

*Larger Quantities - Call for quote*

### **Baicor Phyto-Plus** **OR3% MOLYBDENUM** Derived from Sodium Molybdate

**Direct Ship Only**

**-- FOB Mfr, UT --**

5 gal case	\$32.00 /gal
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*Larger Quantities - Call for quote*

### **Baicor Phyto-Plus** **OR3% COBALT COMPLEX**

Essential For Nitrogen fixing plants  
(Peas, Beans, Alfalfa, etc.)

**Direct Ship Only**

**-- FOB Mfr, UT --**

5 gal case	\$35.00 /gal
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*Larger Quantities - Call for quote*

# Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

## MINOR ELEMENTS TRACE MINERALS

### AMINO ACID CHELATED

#### About Amino Acid Chelated Micronutrients

*Plants, like people, have a limited amount of energy that they are able (and willing!) to expend on their various life priorities.*

*Respiration and growth are obviously a couple of the biggies.*

*But reproduction and the immune system aren't far behind! Summarizing, if we want plants to produce yield and quality near their genetic potential, we should maximize a balanced nutrient supply, while we avoid taxing their limited energy supply needlessly.*

***But what does this have to do with micronutrients?***

*Micro-nutrients are very important to plant health, but only needed in very small amounts by the plant. Yet they can be lacking in the soil or outcompeted at the root level by the major nutrients. The good news is that a significant portion of the micronutrient nutrition that is needed for **balanced nutrient supply** can be supplied through foliar spraying very efficiently, with **minimal plant energy expenditure**, by the use of **micronutrients chelated with amino acids**.*

*We are confident that the products offered in the following section provide just this sort of super plant friendly micronutrient nutrition at an economical price.*

#### JH Biotech ORBIOMIN BORON

3.0% Boron

Amino Acid Chelated Liquid Minerals

Apply foliar or through drip  
Designed for very efficient and rapid mineral uptake

#### -- FOB EO Warehouse, Texas --

2.5 gal	\$18.00 /gal
5+ gal case	\$17.50 /gal
20+ gal	\$17.00 /gal
80+ gal	\$16.00 /gal

#### -- FOB Mfr, TX / CA / FL --

20+ gal	\$16.00 /gal
80+ gal	\$15.00 /gal
Pallet (180 gal)	\$12.50 /gal
Drum - 55 gal	\$12.25 /gal
Pallet Tank	\$12.05 /gal

*Larger Quantities - Call for quote*

#### Albion ORMETALOSATE MULTIMINERAL

Amino Acid Chelated  
Water Soluble Minerals

Apply foliar or through drip  
Designed for energy efficient and rapid mineral uptake

N/Ca/Mg/Cu/Fe/Mn/Zn

#### -- FOB EO Warehouse, Texas --

5 lb (iug)	\$19.50 /lb
10+ lb	\$16.75 /lb
20+ lb	\$16.25 /lb
40+ lb	\$15.50 /lb
44 lb bag	\$13.80 /lb
220 lb (5 bags)	\$12.40 /lb

#### -- FOB Mfr, UT / CA --

20+ lb	\$15.50 /lb
40+ lb	\$15.00 /lb
44 lb bag	\$13.25 /lb
220 lb (5 bags)	\$12.00 /lb

*Larger Quantities - Call for quote*

#### Albion ORMETALOSATE CROP UP

Amino Acid Chelated  
Water Soluble Minerals

Apply foliar or through drip  
Designed for very efficient and rapid mineral uptake take

N/Mg/Cu/Fe/Mn/Zn

#### -- FOB EO Warehouse, Texas --

5 lb (iug)	\$19.50 /lb
10+ lb	\$16.75 /lb
20+ lb	\$16.25 /lb
40+ lb	\$15.50 /lb

#### -- FOB Mfr, UT / CA --

20+ lb	\$15.50 /lb
40+ lb	\$15.00 /lb
44 lb bag	\$13.25 /lb
220 lb (5 bags)	\$12.00 /lb

*Larger Quantities - Call for quote*

# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

**MINOR ELEMENTS**

**TRACE MINERALS**

**AMINO ACID CHELATED (CONT)**

**Albion**

**ORMETALOSATE  
MINERALS**

Amino Acid Chelated  
Water Soluble Minerals

Apply foliar or through drip  
Designed for energy efficient and  
rapid mineral uptake

**ORCOPPER**

16.0% Copper

**ORMANGANESE**

16.4% Manganese

**ORCALCIUM**

18.3% Calcium

**ORCALCIUM W/BORON**

13.0% Calcium, 5.0% Boron

**ORMAGNESIUM**

3.0% Magnesium

**ORZINC**

19.3% Zinc

**ORIRON**

15.0% Iron

Pricing for all above products

**-- FOB EO Warehouse, Texas --**

5 lb (jug)	\$18.75 /lb
10+ lb	\$16.00 /lb
20+ lb	\$15.50 /lb
40+ lb	\$15.00 /lb
44 lb bag	\$13.10 /lb

**-- FOB Mfr, UT / CA --**

20+ lb	\$15.00 /lb
40+ lb	\$14.50 /lb
44 lb bag	\$12.50 /lb
220 lb (5 bags)	\$11.25 /lb

*Larger Quantities - Call for quote*

**JH Biotech**

**ORBIOMINS**

Amino Acid Chelated  
Liquid Minerals

Apply foliar or through drip  
Designed for very efficient and  
rapid mineral uptake

**ORCALCIUM** (5.0% Ca)

**ORCAL-BORO LIGHT**

(5.0% Ca, 0.5% B)

**ORBIOMIN MAGNESIUM** (3.0% Mg)

**ORBIOMIN IRON** (5.0% Fe)

**ORBIOMIN MANGANESE** (5.0% Mn)

**ORBIOMIN ZINC** (7.0% Zn)

**ORBIOMIN COPPER** (4.0% CU)

**ORBIOMIN BOOSTER 126**

N, Mg, B, Cu, Fe, Mn, Zn  
w/Additional Zn

**ORBIOMIN BOOSTER 153**

N, Mg, B, Cu, Fe, Mn, Zn  
w/Additional Mn

Pricing for all above products

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$21.50 /gal
5+ gal case	\$20.00 /gal
20+ gal	\$19.00 /gal
80+ gal	\$18.50 /gal

**-- FOB Mfr, TX / CA / FL --**

20+ gal	\$18.25 /gal
80+ gal	\$17.75 /gal
Pallet (180 gal)	\$16.15 /gal
Drum - 55 gal	\$15.80 /gal
Pallet Tank	\$15.00 /gal

*Larger Quantities - Call for quote*

**Prices Subject to Change - All Orders Subject to Shipping Charges**

Earthwise Organics, Inc. HQ P.O. Box 176 La Ward, Texas 77970 call 956.207.0500 for latest quote



# Plant Nutrition

*Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency*

## "BIO STIMULANTS",

### BOTANI-STIMULANTS,

#### BIOFERTILIZERS

Naturally occurring substances which can "turn on" or "ramp up" a specific or wide range of plant metabolic functions. Applications should be properly timed and accompanied by plant nutritive inputs appropriate for high yield goals.

### **Ferti-Organic °SEAWEED/KELP**

Water Soluble

Natural Foliar Spray

Provides natural, balanced micronutrients and natural cytokinins for rapid uptake at critical growth points, Helps stimulate natural plant defenses and generally helps increase plant strength and vigor

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$5.25 /lb
250+ lb	\$5.00 /lb
1000+ lb	\$4.75 /lb
Pallet (50 lb bags)	\$4.30 /lb

*Larger Quantities - Call for quote*

### **JH Biotech**

#### **°SEAMAX**

Humic acid and Kelp

(Ascophyllum Nodosum) extracts

Assists micronutrient uptake, increases yields, promotes root development

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$23.50 /gal
5+ gal	\$21.00 /gal
20+ gal	\$20.50 /gal
80+ gal	\$20.00 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$19.50 /gal
80+ gal	\$19.00 /gal
Pallet (180 gal)	\$17.25 /gal

*Larger quantities - Call for quote*

### **Ferti-Organic**

#### **°FULVIC PLUS ACID**

Soluble Powder - 90% Fulvic

Buffers and assists plant nutrient uptake, esp in foliar formulations

#### **-- FOB EO Warehouse, Texas --**

50+ lb	\$4.25 /lb
250+ lb	\$3.50 /lb
1000+ lb	\$3.25 /lb
Pallet (50 lb bags)	\$2.75 /lb

*Larger Quantities - Call for quote*

### **Valent**

#### **ORPRO GIBB LV PLUS**

Gibberellic Acid

Plant growth regulator

#### **-- FOB EO Warehouse, Texas --**

4 - half gal bottles	\$76.00 /btl
20 - half gal bottles	\$74.00 /btl
48 - half gal bottles	\$73.00 /btl
64 - half gal bottles	\$72.00 /btl

*Larger Quantities - Call for quote*

*The following Biostimulant products containing **naturally occurring microbial species** listed over the next several catalog pages are also found in the "Soil Treatments" and "Seed and Seed Trench Treatments" sections. These versatile organisms are relisted in this "Plant Nutrition" section because they are very important in the release and cycling of nutrients in the soil. Results using these products are most efficiently achieved within a comprehensive program of biological crop inputs, but have also been shown to be very effective in more conventional agricultural programs.*

### **Douglas Plant Health**

#### **°SP-1**

Microbial Inoculant

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

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$16.00 /gal
5+ gal	\$14.25 /gal
20+ gal	\$13.50 /gal

#### **-- FOB Mfr, IL --**

20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Drum - 30 gal	\$9.50 /gal
Pallet Tank	\$7.75 /gal
1000 gal (in totes)	\$7.60 /gal

*Larger Quantities - Call for quote*

### **Douglas Plant Health**

#### **°MVP**

Microbial Inoculant

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

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$13.50 /gal
5+ gal	\$12.00 /gal
20+ gal	\$11.25 /gal
Drum - 30 gal	\$9.75 /gal

#### **-- FOB Mfr, IL --**

20+ gal	\$9.25 /gal
80+ gal	\$8.75 /gal
Drum - 30 gal	\$7.50 /gal
Pallet Tank	\$5.90 /gal
1000 gal (in totes)	\$5.65 /gal

*Larger Quantities - Call for quote*

# Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

## "BIO STIMULANTS" (cont)

### **Myco Apply**

#### **°ENDO MYCORRHIZAE FUNGAL SPECIES**

Symbiotic with Plant Roots

Appropriate for a Wide Variety of  
Plants, Including Fruit and Nut  
Trees, Vegetables and Turfgrass.

#### **°GRANULAR ENDO**

4 species blend

For soil or media application

**Direct Ship Only**

-- FOB CA --

40+ lb	\$7.60 /lb
200+ lb	\$7.15 /lb
800+ lb	\$6.75 /lb

#### **°ULTRAFINE ENDO**

4 species blend

For dry or liquid application

Easily suspendable in water with  
minimal agitation

**Direct Ship Only**

-- FOB CA --

20+ lb	\$16.00 /lb
100+ lb	\$15.00 /lb
400+ lb	\$14.00 /lb

#### **°ENDO MAXX**

4 species blend

Concentrated wettable powder

10 grams treats approx 2.5 acres

**Direct Ship Only**

-- FOB CA --

1 bag (160 gm)	\$625.00 /bag
2 bags (320 gm)	\$617.50 /bag
4 bags (640 gm)	\$610.50 /bag
10 bags (1600 gm)	\$604.00 /bag

### **Mycorrhizal Relationships**

#### **Endomycorrhizal Plants:**

←(See column left)

**90% of Plants—Most Green,**

**Leafy Plants and most**

**Commercially Produced Plants.**

**Shrubs and foliage plants**

**except Rhododendron, Azalea,**

**and Heath;**

**Berries except blueberries,**

**cranberries and lingonberries;**

**Nut trees except pecan, hazelnuts**

**and filberts.**

**Flowers, Vegetables except**

**Brassicas and beets.**

**Cultivated grasses except weedy**  
**grasses;**

**Fruit trees including tropical**

**fruits; many**

**Wetland/aquatic species except**

**rushes and horsetails.**

←(See column left)

#### **Ectomycorrhizal Plants:**

(See column right)→

**5% of Plants—Mainly Conifers &**

**Oaks—also Pecans**

**And then there are the +/- 5%**

**that form other relationship**

**types or are "Non-mycorrhizal"**

**such as Brassica - Broccoli,**

**Cabbage, etc and Ericaceae -**

**Blueberry, Azalea, etc**

### **Myco Apply**

#### **°ENDO / ECTO MYCORRHIZAE FUNGAL SPECIES**

Symbiotic with Plant Roots

Appropriate for conifers,  
oaks, pecans, others.

#### **°GRANULAR ENDO / ECTO**

4 Endo / 7 Ecto Species

For soil or media application

**Direct Ship Only**

-- FOB CA --

40+ lb	\$13.25 /lb
200+ lb	\$12.50 /lb
800+ lb	\$11.50 /lb

#### **°ULTRAFINE ENDO / ECTO**

4 Endo / 7 Ecto Species

For any dry or liquid application

Easily suspendable in water with  
minimal agitation

**Direct Ship Only**

-- FOB CA --

20+ lb	\$20.25 /lb
100+ lb	\$19.00 /lb
400+ lb	\$17.80 /lb

#### **°SOLUBLE MAXX ENDO / ECTO**

9 Endo / 10 Ecto Species

w/ Kelp and Humic Acid

Water soluble Soil Drench  
w/specially blended amendments.

**Direct Ship Only**

-- FOB CA --

1+ lb	\$45.75 /lb
20+ lb	\$42.75 /lb
20+ lb	\$40.00 /lb
100+ lb	\$37.65 /lb

# Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

## "BIO STIMULANTS" (cont)

### NRG °ACTIVATE SERIES WATER SOLUBLE MICROBES

#### INDIVIDUAL BACTERIA SPECIES AND BLENDS

##### °ACTIVATE - PMSLA

B. pumilis, B. megaterium  
B. subtilis, B. licheniformis and  
B. amyloliquefaciens

5 bacillus species blend of  
bacteria spores. Improves soil  
nutrient recycling and maintains a  
healthy root environment.

##### °ACTIVATE - NF

B. megaterium, B. subtilis,  
B. licheniformis and B. sp.

4 bacillus species blend of  
Nitrogen-fixing bacteria spores  
These free living and root  
colonizing organisms fix soil  
nitrogen from the atmosphere

##### °ACTIVATE - A1005

Bacillus Subtilis

##### °ACTIVATE - A2004

Bacillus parabrevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens

##### °ACTIVATE - A2005

Bacillus brevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens.

##### Direct Ship Only

-- FOB Mfr, CA --

1+ lb \$19.25 /oz  
20+ lb \$18.00 /oz

*Larger Quantities - Call for quote*

*NRG Activate Series of organisms  
(and many others) have been shown  
to work most effectively when applied  
into a 'rich' soil with readily available  
organic food sources AND/OR*

*when applied with such sources:  
liquid fish, humic acids, etc, and  
especially*

*NRG's proprietary food source:  
**Wake-Up Organo.***

*These species are selected for  
individual characteristics and  
combined as appropriate to  
achieve desired results in a  
given crop and soil setting while  
creating synergistic effects on  
total soil health.*

### NRG °WAKE-UP ORGANO

#### Soluble Microbial Food

A proprietary rhizosphere-friendly blend  
of soluble nutrients. Stimulates rapid  
germination of Bacillus bacteria spores  
into active, growing cells.

Manufacturer recommended food  
source for all *Activate* Microbes

##### Direct Ship Only

-- FOB Mfr, CA --

30+ lb \$15.50 /lb  
150+ lb \$14.50 /lb

*Larger Quantities - Call for quote*

## NRG

### °ACTIVATE SERIES WATER SOLUBLE MICROBES COMBINED WITH FOOD SOURCE: WAKEUP ORGANO (WUO)

#### INDIVIDUAL BACTERIA SPECIES AND BLENDS

MIXED WITH PROPRIETARY  
SOLUBLE FOOD SOURCES

##### °ACTIVATE PMSLA + WUO

5 bacillus species blend of  
bacteria spores

##### °ACTIVATE NF + WUO

4 bacillus species blend of  
bacteria spores

##### °ACTIVATE - A1005 + WUO

Bacillus Subtilis

##### °ACTIVATE - A2004 + WUO

Bacillus parabrevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens

##### °ACTIVATE - A2005 + WUO

Bacillus brevis, B. subtilis,  
B. licheniformis and  
B. amyloliquefaciens.

##### Direct Ship Only

-- FOB Mfr, CA --

31.8 lb (bucket) \$33.00 /lb  
159 lb (5 buckets) \$31.00 /lb  
1000+ lb \$28.50 /lb

*Larger Quantities - Call for quote*

# Plant Protection

*Organic and natural pest solutions, with emphasis on beneficial insect compatibility*

## PESTS AND DISEASES

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

### **Brandt**

#### **ORTRESOIL**

Mineral Oil for Foliar Use

Reverse emulsion - small droplet size

Fungicide, Insecticide, and Miticide

#### **Direct Ship Only**

-- FOB Mfr, FL --

Pallet Tank (250 gal)      Call for

3 Pallet Tank -              Quote

*Larger quantities - Call for quote*

### **Brandt**

#### **ORTRI TEK**

Mineral Oil for Foliar Use

Reverse emulsion - small droplet size,  
good spreading characteristics.

Fungicide, Insecticide, and Miticide

-- FOB EO Warehouse, Texas --

2.5 gal                      \$19.50 /gal

5+ gal                      \$18.50 /gal

20+ gal                    \$17.25 /gal

80+ gal                    \$16.75 /gal

-- FOB Mfr, CA / IL --

20+ gal                    \$15.25 /gal

80+ gal                    \$14.75 /gal

Pallet (240 gal)        \$13.25 /gal

3 Pallets (720 gal)    \$12.75 /gal

*Larger Quantities - Call for quote*

### **Brandt**

#### **ORNORDOX 75 WG**

Copper Hydroxide

Fungicide, Bacteriacide

#### **Direct Ship Only**

-- FOB Mfr, CA / IL --

170+ lb (34 lb bags)    \$7.75 /lb

1190+ lb (34 lb bags)   \$7.00 /lb

Pallet (34 lb bags)      \$6.50 /lb

*Larger quantities - Call for quote*

### **Brandt**

#### **ORNEMA Q**

Saponins of Quillaja Saponaria

For control of plant-parasitic nematodes  
in vineyards, orchards, field crops, turf,  
ornamentals

#### **Direct Ship Only**

-- FOB Mfr, CA / IL --

5 gal                      \$110.00 /gal

10+ gal                  \$102.50 /gal

20+ gal                  \$99.00 /gal

80+ gal                  \$96.25 /gal

Pallet (160 gal)        \$88.00 /gal

*Larger Quantities - Call for quote*

### **Certis**

#### **ORBOTEGHA ES**

Liquid - Emulsifiable

Beauveria Bassiana

Parasitic Fungus

Labeled for agricultural applications

-- FOB EO Warehouse, Texas --

1 gal                      \$275.00 /gal

4+ gal                    \$260.00 /gal

20+ gal                  \$250.00 /gal

80+ gal                  \$237.50 /gal

Pallet (144 gal)        \$230.00 /gal

*Larger quantities - Call for quote*

### **Certis**

#### **ORJAVELIN WG (Bt)**

Bacillus thuringiensis

*kurstaki* strain

Organically approved for control of  
most worms. See label and our  
website for specifics.

-- FOB EO Warehouse, Texas --

5+ lb                      \$16.75 /lb

20+ lb                    \$14.75 /lb

100+ lb                  \$14.25 /lb

Pallet (720 lb)        \$13.75 /lb

*Larger quantities - Call for quote*

### **Certis**

#### **ORNEEMIX 4.5**

Insect Growth Regulator

Active Ingredient - Azadirachtin

Repels adult pests and acts as insect  
growth regulator on immature stages.

-- FOB EO Warehouse, Texas --

1 qt                      \$201.00/qt

2+ qt                    \$194.00/qt

6+ qt                    \$189.00/qt

30+ qt                  \$182.00/qt

*Larger quantities - Call for quote*

### **Certis**

#### **ORDOUBLE NICKEL LC**

Bacillus amyloliquefaciens

strain D747 (Liquid)

Fungicide/Bacteriacide

Broad spectrum preventive biofungicide  
for control or suppression of fungal  
and bacterial plant diseases.

Use in soil or as foliar.

-- FOB EO Warehouse, Texas --

2.5 gal                    \$71.50 /gal

5+ gal                    \$66.00 /gal

20+ gal                  \$64.50 /gal

80+ gal                  \$60.50 /gal

Pallet (180 gal)        \$58.50 /gal

*Larger Quantities - Call for quote*

### **Certis**

#### **ORDOUBLE NICKEL 55**

Bacillus amyloliquefaciens

strain D747 (Dry)

Fungicide/Bacteriacide

Dry Formulation -

Same uses as Double Nickel LC above

-- FOB EO Warehouse, Texas --

5+ lb                      \$34.00 /lb

20+ lb                    \$31.00 /lb

150+ lb                  \$30.00 /lb

Pallet (720 lb)        \$29.00 /lb

*Larger Quantities - Call for quote*

# Plant Protection

*Organic and natural pest solutions, with emphasis on beneficial insect compatibility*

## PESTS AND DISEASES, (CONT)

**Certis**

**ORCARB-0-NATOR**

Potassium Bicarbonate

Broad spectrum

Contact foliar fungicide

**-- FOB EO Warehouse, Texas --**

5+ lb	\$10.00 /lb
20+ lb	\$9.50 /lb
100+ lb	\$8.75 /lb

*Larger quantities - Call for quote*

**Certis**

**ORTRILOGY**

Botanical Fungicide/Miticide

Clarified, Hydrophilic

Extract of Neem Oil

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$51.50 /gal
5+ gal	\$46.25 /gal
20+ gal	\$45.00 /gal
80+ gal	\$42.50 /gal
Pallet (180 gal)	\$41.00 /gal

*Larger quantities - Call for quote*

**Certis**

**ORSIL-MATRIX**

Potassium Silicate

Fungicide/Miticide/Insecticide

Aids in control of foliar fungal diseases (powdery mildew, anthracnose, others), mite, and other sucking insect infestations by inhibiting damage through a physical silicon matrix barrier and by causing insect dessication.

*pH sensitive*

*See our website for important usage notes*

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$32.00 /gal
5+ gal	\$29.00 /gal
20+ gal	\$28.00 /gal
80+ gal	\$26.50 /gal
Pallet (180 gal)	\$25.50 /gal

*Larger quantities - Call for quote*

**Certis**

**ORPFR 97**

Isaria fumosorosea (Live Product)

Broad spectrum microbial insecticide  
for foliar and soil applications

*Must be refrigerated for long term storage*

**-- FOB EO Warehouse, Texas --**

5+ lb	\$46.00 /lb
20+ lb	\$40.50 /lb
100+ lb	\$39.00 /lb
400+ lb	\$32.00 /lb

*Larger quantities - Call for quote*

**Certis**

**ORDES-X**

Insecticidal Soap

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$35.75 /gal
5+ gal	\$33.00 /gal
20+ gal	\$32.00 /gal
80+ gal	\$30.25 /gal
Pallet (180 gal)	\$29.25 /gal

*Larger Quantities - Call for quote*

**Certis**

**ORSEDUCE**

Insect Bait w/Spinosad

Attracts and kills

ants, earwigs, and cutworm.

**-- FOB EO Warehouse, Texas --**

50+ lb	\$4.80 /lb
250+ lb	\$4.50 /lb
1000+ lb	\$4.25 /lb
Pallet (40 - 50 lb bags)	\$4.15 /lb

*Larger quantities - Call for quote*

**Certis**

**ORSOIL GARD**

G. Virens spores

Labeled for greenhouses and nurseries.

Aids in control of soil borne  
and root rot pathogenic fungi,  
Pythium and Rhizoctonia, etc

**Product is temporarily unavailable from  
Manufacturer**

**Certis**

**ORCUEVA**

Copper Octoanate (Soap)

Bactericide, Fungicide

Broad spectrum, low burn potential

Low toxicity potential

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$45.00 /gal
5+ gal	\$41.50 /gal
20+ gal	\$40.50 /gal
80+ gal	\$38.25 /gal
Pallet (180 gal)	\$37.00 /gal

*Larger quantities - Call for quote*

**Certis**

**ORLIFEGUARD**

Naturally occurring bacterium which triggers the plant's natural defense mechanism to fight against disease

**-- FOB EO Warehouse, Texas --**

1+ lb	\$145.00 /lb
4+ lb	\$135.00 /lb
20+ lb	\$130.00 /lb
100+ lb	\$125.00 /lb
200+ lb	\$121.00 /lb

*Larger quantities - Call for quote*

**Certis**

**ORGEMSTAR**

Insecticidal Virus

Specifically for Corn Earworm

aka Cotton Bollworm, Tomato Fruitworm,  
Sorghum Headworm

**-- FOB EO Warehouse, Texas --**

1+ qt	\$61.00 /qt
2+ qt	\$56.75 /qt
6+ qt	\$53.25 /qt
30+ qt	\$50.00 /qt

*Larger quantities - Call for quote*

# Plant Protection

*Organic and natural pest solutions, with emphasis on beneficial insect compatibility*

## PESTS AND DISEASES, (CONT)

### **Ferti-Organic**

#### **ORNEEM OIL**

Cold Pressed Neem Oil

Natural biological insecticide and growth regulator on immature stages. Also anti-feedant and insect repellent

**-- FOB EO Warehouse, Texas --**

1 gal	\$42.00 /gal
4+ gal	\$40.00 /gal
5+ gal	\$37.75 /gal
20+ gal	\$35.75 /gal
80+ gal	\$33.75 /gal
Pallet (160 gal)	\$32.25 /gal
Drum - 55 gal	\$33.50 /gal
Drums 4-55 gal	\$32.00 /gal

*Larger quantities - Call for quote*

### **Ferti-Organic**

#### **OKARANJA OIL**

Cold Pressed Karanja Oil

Natural Adjuvant - Improves Efficacy of Neem Oil and other Pesticides

**-- FOB EO Warehouse, Texas --**

1 gal	\$40.00 /gal
4+ gal	\$38.00 /gal
5+ gal	\$36.50 /gal
20+ gal	\$34.50 /gal
80+ gal	\$33.00 /gal
Pallet (160 gal)	\$31.50 /gal
Drum - 55 gal	\$32.50 /gal
Drums 4-55 gal	\$30.50 /gal

*Larger Quantities - Call for quote*

### **Dow**

#### **ORENTRUST SC**

Spinosad (liquid)

Provides control of worms, thrip, leafminer, psyllid and more  
See label and our website for more information

**-- FOB EO Warehouse, Texas --**

1+ qt	\$473.00/qt
4+ qt	\$467.00/qt
8+ qt	\$462.00/qt
16+ qt	\$460.00/qt

*Larger Quantities - Call for quote*

### **Bayer**

#### **ORSERENADE ASO**

Bacillus subtilis  
strain QST 713

Live Microbial Product  
Bactericide and Fungicide  
labeled for foliar and soil use.

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$38.00 /gal
5+ gal	\$36.00 /gal
20+ gal	\$35.50 /gal
80+ gal	\$35.00 /gal
Pallet (180 gal)	\$34.00 /gal

*Larger Quantities - Call for quote*

### **Valent**

#### **ORDIPEL DF (Bt)**

Bacillus thuringiensis  
kurstaki strain ABTS-351

Organically approved for control of most worms. See label and our website for specifics.

**-- FOB EO Warehouse, Texas --**

1 lb	\$18.00 /lb
5+ lb	\$14.00 /lb
30+ lb	\$13.75 /lb
150+ lb	\$13.25 /lb
Pallet (630 lb)	\$12.50 /lb

*Larger Quantities - Call for quote*

### **Valent**

#### **ORXENTARI (Bt)**

Bacillus thuringiensis  
aizawai strain ABTS-1857

Organically approved for control of most worms. See label and our website notes for specifics.

**-- FOB EO Warehouse, Texas --**

5+ lb	\$17.50 /lb
30+ lb	\$17.00 /lb
150+ lb	\$16.50 /lb
Pallet (630 lb)	\$15.50 /lb

*Larger Quantities - Call for quote*

### **Valent**

#### **ORAZERA**

Dual Mode of Action

Azadirachtin and Pyrethrins  
Kills on contact and/or by ingestion

**-- FOB EO Warehouse, Texas --**

1 gal	\$325.00 /gal
4+ gal	\$318.00 /gal
20+ gal	\$311.00 /gal

*Larger quantities - Call for quote*

### **Valent**

#### **ORPYGANIC 1.4%**

Broad Spectrum  
Contact Insecticide

Derived from Chrysanthemums.  
Pyganic is very harmful to beneficial insects and we recommend that it be used only in particular situations

*See our website for important usage notes*

**-- FOB EO Warehouse, Texas --**

1 qt	\$53.00 /qt
1 gal	\$190.00 /gal
4+ gal	\$182.00 /gal
20+ gal	\$178.00 /gal
80+ gal	\$176.00 /gal
Pallet (144 gal)	\$173.00 /gal

*Larger Quantities - Call for quote*

### **Valent**

#### **ORPYGANIC 5.0%**

Broad Spectrum  
Contact Insecticide

Derived from Chrysanthemums

*See our website for important usage notes*

**-- FOB Texas --**

1 gal	\$495.00 /gal
2+ gal	\$480.00 /gal
6+ gal	\$470.00 /gal

*Larger Quantities - Call for quote*



# Plant Protection

*Organic and natural pest solutions, with emphasis on beneficial insect compatibility*

## PESTS AND DISEASES, (CONT)

### **AGBITECH**

#### **ORHELIGEN**

Insecticidal Virus

Specifically for Corn Earworm

aka Cotton Bollworm, Tomato Fruitworm,  
Sorghum Headworm

#### **-- FOB Texas --**

1+ qt	\$160.00 /qt
4+ qt	\$152.00 /qt
1+ gal	\$590.00 /gal
2+ gal	\$565.00 /gal
12+ gal	\$550.00 /gal
20+ gal	\$535.00 /gal

*Larger quantities - Call for quote*

### **Perma-Guard**

#### **°GRAIN OR SEED STORAGE INSECTICIDE D-10**

Diatomaceous Earth

Controls pests in grain storage

#### **Direct Ship Only**

#### **-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.47 /lb
13+ Pallets	\$0.36 /lb
Van Truckload	\$0.32 /lb

*Larger Quantities - Call for quote*

### **Perma-Guard**

#### **FIRE ANT**

#### **INSECTICIDE D-20**

Diatomaceous Earth w/Pyrethrins  
and Piperonyl Butoxide (PBO)

Use as dry powder or mix with water  
to control fire ant infestations.

#### **-- FOB Mfr, TX --**

150+ lb	\$5.75 /lb
750+ lb	\$5.50 /lb
Pallet (30 lb bags)	\$5.15 /lb

*Larger Quantities - Call for quote*

### **Intl Sulfur**

#### **YELLOW JACKET FLOWABLE SULFUR**

Sprayable Sulfur

Broad spectrum miticide and fungicide

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$12.50 /gal
5+ gal	\$10.50 /gal
20+ gal	\$9.50 /gal

#### **-- FOB Mfr, TX --**

80+ gal	CALL
Pallet (180 gal)	FOR
3 Pallets (540 gal)	QUOTE

*Larger Quantities - Call for quote*

### **Brandt**

#### **ORLIME SULFUR**

Calcium Polysulfide

Fungicide

*Caution: Burn Potential on many plants,  
especially in hot weather*

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$16.00 /gal
5+ gal	\$14.00 /gal
20+ gal	\$13.00 /gal
80+ gal	\$12.50 /gal

#### **-- FOB Mfr, CA --**

20+ gal	\$10.25 /gal
80+ gal	\$10.00 /gal
Pallet (180 gal)	\$8.50 /gal

*Larger quantities - Call for quote*

### **JH Biotech**

#### **FOSPHITE**

Mono and Dipotassium  
Salts of Phosphorous Acid  
Systemic fungicide / growth promoter

**NOT ORGANIC**

#### **-- FOB EO Warehouse, Texas --**

1 gal clearance	\$30.00 /gal
4+ gal clearance	\$27.75 /gal
2.5 gal	\$27.00 /gal
5+ gal	\$26.00 /gal
20+ gal	\$23.50 /gal
80+ gal	\$22.50 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$22.50 /gal
80+ gal	\$21.75 /gal
Drum (55 gal)	\$19.00 /gal
Pallet (180 gal)	\$19.25 /gal

*Larger quantities - Call for quote*

# Plant Protection

Organic and natural pest solutions, with emphasis on beneficial insect compatibility

## PESTS AND DISEASES.

### H2O2/PAA

*The products on this page each contain **Hydrogen Peroxide (H2O2) and Peroxyacetic Acid (PAA)**. This combination has been proven to quickly destroy microbes upon contact. With good spray coverage, these products can stop some disease infections in a matter of hours. A very desirable product to have in the toolkit! However, the organisms killed include beneficial microbes that normally live on healthy leaves and stems.*

*For that reason, as part of an "IMM" (Integrated Microbe Management) program, we generally recommend that within a day of using these products a foliar application of beneficial microbes and food sources be made to the plant. This will help to quickly restore one of the natural defense mechanisms of the plant - a layer of beneficial organisms on the plant surface.*

## Jet Harvest Solutions

OR **JET AG**

H2O2 and PAA

Field Label - Contact Kill

Broad Spectrum Activity Against a Wide Range of Plant Pathogens

**Direct Ship Only**

-- FOB Mfr, Various --

Jug - 5 gal	\$32.50 /gal
Drum - 30 gal	\$30.50 /gal
Drum - 55 gal	\$28.50 /gal
Drums 4-55 gal	\$27.25 /gal
Pallet Tank	\$26.75 /gal

*Larger quantities - Call for quote*

## Biosafe

OR **OXIDATE 5.0**

H2O2 and PAA

Field Label - Contact Kill

Broad Spectrum Activity Against a Wide Range of Plant Pathogens

**Direct Ship Only**

-- FOB Mfr, CT --

2.5 gal	\$47.50 /gal
5+ gal	\$42.25 /gal
Drum - 30 gal	\$39.50 /gal
Drum - 55 gal	\$36.25 /gal
Drums 4-55 gal	\$34.75 /gal
Pallet Tank	\$32.50 /gal

*Larger quantities - Call for quote*

## Brandt

OR **Peragreen 5.6%**

H2O2 (PAA)

Field and Process Label

Broad Spectrum Activity Against a Wide Range of Plant Pathogens

**Direct Ship Only**

-- FOB Mfr, CA / IL --

5 gal	\$26.00 /gal
20 gal	\$25.00 /gal
80 gal	\$24.00 /gal
Drum - 27.45 gal	\$20.00 /gal
Drum - 52.79 gal	\$18.75 /gal
Drums 4-52.79 gal	\$18.00 /gal
Pallet Tank	\$17.50 /gal

*Larger Quantities - Call for quote*

# Plant Protection

*Organic and natural pest solutions, with emphasis on beneficial insect compatibility*

## PESTS AND DISEASES.

### ESSENTIAL OILS

Essential Plant Oils are being formulated into many plant pest control products today. They have the ability to both kill destructive pests on contact and confuse their sensory capabilities, rendering them unable to find their preferred food source or mate.

### **Agro Research** **OR THYME GUARD**

Liquid Fungicide / Bacteriacide

#### **23% Thyme Oil**

Broad spectrum - works both on contact and systemically

#### **-- FOB EO Warehouse, Texas --**

1 qt	\$32.50 /qt
1 gal	\$115.00 /gal
4+ gal	\$108.00 /gal
2.5 gal	\$110.00 /gal
5+ gal	\$102.00 /gal
20+ gal	\$98.00 /gal
80+ gal	\$95.00 /gal

#### **-- FOB Mfr, FL --**

80+ gal	\$93.00 /gal
Pallet (180 gal)	\$87.00 /gal
Drum (55 gal)	\$84.00 /gal
Drums (4-55 gal)	\$81.00 /gal
Pallet Tank (275 gal)	\$79.50 /gal

*Larger Quantities - Call for quote*

### **JH Biotech** **OR PEST OUT**

Spray Oil

Cottonseed, Clove, and Garlic Oils  
Broad spectrum miticide/insecticide.

#### **-- FOB EO Warehouse, Texas --**

1 gal	\$71.00 /gal
4+ gal	\$66.00 /gal
2.5 gal	\$69.00 /gal
5+ gal	\$64.50 /gal
20+ gal	\$60.00 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$59.00 /gal
80+ gal	\$55.50 /gal
Pallet (180 gal)	\$50.00 /gal

*Larger quantities - Call for quote*

### **JH Biotech** **OR BIOREPEL**

Natural Insect Repellent

Anti-Feedant

Repels many flying insects

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$56.00 /gal
5+ gal	\$54.00 /gal
20+ gal	\$52.50 /gal
80+ gal	\$49.00 /gal

#### **-- FOB Mfr, TX / CA / FL --**

20+ gal	\$51.75 /gal
80+ gal	\$48.25 /gal
Pallet (180 gal)	\$42.00 /gal
Drum - 55 gal	\$44.50 /gal
Drums 4-55 gal	\$41.50 /gal

*Larger Quantities - Call for quote*

### **KeyPlex** **OR ECOTROL PLUS**

Contains Rosemary and  
Peppermint Oils PLUS Geraniol

Broad spectrum insecticide  
and miticide

#### **-- FOB EO Warehouse, Texas --**

1 gal	\$82.00 /gal
4+ gal	\$77.50 /gal
2.5 gal	\$79.00 /gal
5+ gal	\$75.00 /gal
20+ gal	\$73.50 /gal
80+ gal	\$70.00 /gal

#### **-- FOB Mfr, FL --**

80+ gal	\$68.50 /gal
Pallet (180 gal)	\$67.00 /gal

*Larger Quantities - Call for quote*

### **KeyPlex** **OR SPORAN EC<sup>2</sup>**

Essential Oils Based

(Rosemary, Clove, Thyme, et al)

Broad spectrum fungicide  
controls Botrytis, Gray Mold, Powdery  
Mildews, Phytophthora, Late Blight, etc

#### **-- FOB EO Warehouse, Texas --**

1 gal	\$101.00 /gal
4+ gal	\$95.00 /gal
20+ gal	\$94.00 /gal
80+ gal	\$90.00 /gal

#### **-- FOB Mfr, FL --**

80+ gal	\$88.00 /gal
Pallet (144 gal)	\$86.00 /gal

*Larger Quantities - Call for quote*

### **KeyPlex** **OR KEYPLEX 350 OR** Yeast Hydrolysate from *Saccharomyces cerevisiae*

Fungicide

Foliar spray aids in the prevention of  
certain plant diseases such as  
post-bloom fruit drop and  
greasy spot diseases of citrus,  
and bacterial leaf spot of tomatoes.  
Elicits production of defensive proteins  
in certain plants.

#### **-- FOB EO Warehouse, Texas --**

2.5 gal	\$38.00 /gal
5+ gal	\$36.50 /gal
20+ gal	\$35.00 /gal
80+ gal	\$32.50 /gal

#### **-- FOB Mfr, FL --**

80+ gal	\$31.50 /gal
Pallet (180 gal)	\$30.50 /gal

*Larger Quantities - Call for quote*

# Plant Protection

*Organic and natural pest solutions, with emphasis on beneficial insect compatibility*

## WEEDS

### **JH Biotech OR WEED ZAP**

Cinnamon Oil-Based  
Non-selective herbicide

Effective on plants 4" in height or less

**-- FOB EO Warehouse, Texas --**

1 quart	\$28.50 /qt
2.5 gal	\$75.00 /gal
5+ gal	\$73.00 /gal
20+ gal	\$68.00 /gal
80+ gal	\$63.50 /gal

**-- FOB Mfr, TX / CA / FL --**

20+ gal	\$67.00 /gal
80+ gal	\$63.00 /gal
Pallet (180 gal)	\$56.75 /gal
Pallet Tank	\$54.75 /gal

*Larger Quantities - Call for quote*

### **Fleischmann's Vinegar OR VINAGREEN**

20% White Vinegar

WSDA certified as Herbicide

**Direct Ship Only**

**-- FOB Mfr, AL / MO --**

Drums 4-55 gal	\$4.75 /gal
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*Larger Quantities - Call for quote*

### **Certis**

#### **OR HOME PLATE**

Total Vegetation Killer

Fast Acting, Kills within Hours

Contact Spray to Burndown Weeds

Non-Systemic and Non-Selective

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$71.00 /gal
5+ gal	\$66.00 /gal
20+ gal	\$64.00 /gal
80+ gal	\$60.00 /gal
Pallet (180 gal)	\$58.00 /gal
Pallet Tank	\$57.00 /gal

*Larger Quantities - Call for quote*

### **Agro Research**

#### **OR WEED SLAYER - KITT**

Liquid Organic Herbicide

Systemically acting, 2-Part Product  
with specific tank water pH requirement

Kills large grasses down to roots

**-- FOB EO Warehouse, Texas --**

2 qt	\$65.00 /qt
2 gal	\$114.00 /gal
4 gal	\$105.00 /gal
5 gal	\$100.00 /gal
20+ gal	\$95.00 /gal
80+ gal	\$93.00 /gal
Pallet (180 gal)	\$90.00 /gal

**-- FOB Mfr, FL --**

80+ gal	\$90.00 /gal
Pallet (180 gal)	\$87.50 /gal
110 gal (2-55 gal)	\$86.50 /gal
220 gal (4-55 gal)	\$82.00 /gal
500 gal (2-250 gal)	\$81.00 /gal

*Larger Quantities - Call for quote*

## ENVIRONMENTAL STRESS

### **Sipcam/Advan**

#### **°COCOON**

Sprayable Kaolinite

Now available in 25 lb bags

Provides plant and fruit surface protection; helps minimize sunburn and moisture stress on sensitive crops.

**-- FOB EO Warehouse, Texas --**

25 lb	\$1.30 /lb
200 lb	\$1.20 /lb
1000 lb	\$1.15 /lb

**-- FOB Mfr, CA --**

Pallet (1750 lb)	\$0.86 /lb
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*Larger Quantities - Call for quote*

### **Certis**

#### **AgSil 16H**

Foliar/Soil Available Bionutrient

Soluble source of potassium silicate.

**AgSil** applied in the soil or foliarly aids the plant during periods of drought, extreme temperatures, cold, frost, heat stress, salinity, mineral toxicity (Al,Cd,As,Mn,Fe) and other abiotic stresses.

**-- FOB EO Warehouse, Texas --**

50+ lb	\$5.40 /lb
250+ lb	\$5.10 /lb
1000+ lb	\$4.85 /lb
Pallet (50 lb bags)	\$4.65 /lb

*Larger Quantities - Call for quote*

### **Powerline PRIMER**

Non-Protein Amino Acid

Relieves heat stress, improves yield, quality, and nutritional value of crops. On commercial grass farms, helps turf "lift" better as a result of enhanced root mass. **Clearance - REDUCED PRICING 60% off**

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$40.00 /gal
5+ gal	\$35.00 /gal
20+ gal	\$30.00 /gal

# Water Treatments

*Surfactants, Wetting Agents, Disinfectants, Equipment Cleaners and more*

## POST-HARVEST

The proper Post-Harvest treatment of vegetables can help prevent spoilage and increase the shelf life of produce.

*The products on this page are labeled for post-harvest use and all contain Hydrogen Peroxide (H2O2) and Peroxyacetic Acid (PAA). This combination has been proven to quickly destroy microbes upon contact. The killing power of these products only lasts a few hours and leaves behind mostly plain water - no clean up necessary!*

### **Biosafe**

#### **°SANIDATE 5.0**

Post Harvest Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms

#### **Direct Ship Only**

**-- FOB Mfr, CT --**

Drum - 30 gal	\$32.60 /gal
Drum - 55 gal	\$29.75 /gal
Drums 4-55 gal	\$28.50 /gal
Pallet Tank	\$26.25 /gal

*Larger Quantities - Call for quote*

### **Jet Harvest Solutions**

#### **°JET OXIDE - 5%**

Post Harvest Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms

#### **Direct Ship Only**

**-- FOB Mfr, MO --**

Jug - 5 gal	\$26.50 /gal
Drum - 30 gal	\$23.50 /gal
Drum - 55 gal	\$21.00 /gal
Drums 4-55 gal	\$20.25 /gal
Pallet Tank	\$19.75 /gal

*Larger Quantities - Call for quote*

### **Jet Harvest Solutions**

#### **°JET OXIDE - 15%**

Post Harvest Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms

#### **Direct Ship Only**

**-- FOB Mfr, Various --**

Jug - 5 gal	\$27.75 /gal
Drum - 30 gal	\$24.75 /gal
Drum - 55 gal	\$22.00 /gal
Drums 4-55 gal	\$21.25 /gal
Pallet Tank	\$20.75 /gal

*Larger Quantities - Call for quote*

### **Brandt**

#### **ORPeragreen 5.6%**

H2O2 / Peroxyacetic Acid (PAA)

Field and Process Sanitizer

Broad efficacy against plant pathogens and food spoilage organisms

#### **Direct Ship Only**

**-- FOB Mfr, CA / IL --**

5 gal	\$26.00 /gal
20 gal	\$25.00 /gal
80 gal	\$24.00 /gal
Drum - 27.45 gal	\$20.00 /gal
Drum - 52.79 gal	\$18.75 /gal
Drums 4-52.79 gal	\$18.00 /gal
Pallet Tank	\$17.50 /gal

*Larger Quantities - Call for quote*

### **Brandt**

#### **ORPeragreen 15%**

H2O2 / Peroxyacetic Acid (PAA)

Process Sanitizer

Highly concentrated, broad efficacy against plant pathogens and food spoilage organisms

#### **Direct Ship Only**

**-- FOB Mfr, CA / IL --**

Drum - 27.45 gal	\$21.00 /gal
Drum - 52.79 gal	\$20.00 /gal
Drums 4-52.79 gal	\$19.50 /gal
Pallet Tank	\$18.75 /gal

*Larger Quantities - Call for quote*

# Water Treatments

*Surfactants, Wetting Agents, Disinfectants, Equipment Cleaners and more*

## IRRIGATION

*Plant and Soil health is heavily influenced by water quality.*

*Treating poor quality water can be the most cost effective method of improving soil drainage, foliar spray efficiencies, resulting in improvements to crop yield and quality.*

### **Diamond K °GYPSUM SOLUTION GRADE 97**

Calcium Sulfate

Water soluble powder; can be applied through drip or pivot

**-- FOB EO Warehouse, Texas --**

50+ lb	\$0.42 /lb
250+ lb	\$0.39 /lb
1000+ lb	\$0.36 /lb
Pallet (50 lb bags)	\$0.34 /lb

**-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.08 /lb
2000 lb Super Bag	\$0.08 /lb
3+ Super Bags	\$0.07 /lb

*Larger Quantities - Call for quote*

### **OR99.5% ELEMENTAL SULFUR**

Pastille Sulfur

Suitable for use in sulfur burners to improve irrigation water and soil environments

**-- FOB Mfr, TX --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

**-- FOB Mfr, AL --**

Pallet (50 lb bags)	quote /lb
2000 lb Super Bag	quote /lb
3+ Super Bags	quote /lb

*Larger Quantities - Call for quote*

### **Brandt DRIP-RITE 1000**

Monocarbamide dihydrogen sulfate  
Excellent mineral deposit cleaner  
for irrigation systems

**Not allowed for Organic crops in season**

**May be allowed as a cleaner in fallow fields - always check with Organic Certifier for guidance**

**Direct Ship Only**

**-- FOB Mfr, CA --**

Drum - 30 gal	\$8.00 /gal
Drum - 55 gal	\$7.50 /gal
Drums 4-55 gal	\$7.00 /gal
Pallet Tank	\$4.50 /gal

*Larger Quantities - Call for quote*

### **JH Biotech °NATURAL WET**

Contains Saponins  
derived from Yucca Plants

10% Yucca compounds  
Natural, non-Ionic surfactant  
Facilitates nutrient & water absorption

**-- FOB EO Warehouse, Texas --**

2.5 gal	\$21.50 /gal
5+ gal case	\$20.50 /gal
20+ gal	\$19.00 /gal
80+ gal	\$18.50 /gal

**-- FOB Mfr, TX / CA / FL --**

20+ gal	\$18.00 /gal
80+ gal	\$17.50 /gal
Pallet (180 gal)	\$16.00 /gal

*Larger Quantities - Call for quote*

### **°12% VINEGAR**

White Vinegar  
pH adjuster and mineral deposit  
cleaner for irrigation systems

**Direct Ship Only**

**-- FOB Mfr TX / TN --**

Drums 4-55 gal	quote /gal
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**Direct Ship Only**

**-- FOB Mfr TN --**

Pallet Tank	quote /gal
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*Larger Quantities - Call for quote*

### **°15% VINEGAR**

White Vinegar  
pH adjuster and mineral deposit  
cleaner for irrigation systems

**Direct Ship Only**

**-- FOB Mfr TN --**

Drums 4-55 gal	quote /gal
Pallet Tank	quote /gal

*Larger Quantities - Call for quote*

### **Diamond K AQUA DRIVE**

A non-ionic surfactant additive  
Improves soil wetting and penetration  
of treated irrigation water. Reduces  
the surface tension of water by as  
much as 60%, allowing water to flow  
in a more effective pattern through  
the soil profile.

**Not allowed for Organic crops**

**-- FOB EO Warehouse, Texas**

2.5 gal	\$43.50 /gal
5+ gal case	\$42.50 /gal
20+ gal	\$41.00 /gal
80+ gal	\$39.50 /gal

*Larger Quantities - Call for quote*

**-- FOB Mfr, UT --**

Pallet (180 gal)	\$34.50 /gal
Pallet Tank	\$31.50 /gal

*Larger Quantities - Call for quote*



# Livestock Feed & Supplements

## LIVESTOCK

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

### **Redmond**

#### **°NATURAL MINERAL SALT**

Trace mineral source for livestock  
and crops - over 50 minerals

**-- FOB EO Warehouse, Texas --**

50+ lb	\$0.37 /lb
250+ lb	\$0.35 /lb
1000+ lb	\$0.33 /lb
Pallet (50 lb bags)	\$0.31 /lb

**-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.11 /lb
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*Larger Quantities - Call for quote*

### **Redmond**

#### **°NATURAL MINERAL SALT BLOCKS**

Trace mineral source for livestock –  
over 50 minerals

**-- FOB EO Warehouse, Texas --**

44+ lb	\$0.41 /lb
220+ lb	\$0.39 /lb
1100+ lb	\$0.37 /lb
Pallet (44 lb blocks)	\$0.35 /lb

**-- FOB Mfr, UT --**

Pallet (44 lb blocks)	\$0.12 /lb
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*Larger Quantities - Call for quote*

### **Redmond**

#### **°ANTI-CAKING AGENT (aka CONDITIONER)**

Colloidal "exotic" trace mineral source  
for livestock

**For Livestock** - Restricted to amount  
needed for adequate nutrition

**-- FOB EO Warehouse, Texas --**

50+ lb	\$0.43 /lb
250+ lb	\$0.40 /lb
1000+ lb	\$0.39 /lb
Pallet (50 lb bags)	\$0.36 /lb

**-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.16 /lb
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*Larger Quantities - Call for quote*

### **Azomite Minerals**

#### **°AZOMITE FIELD GRADE**

1/8" to Powder

Natural volcanic and sedimentary trace  
mineral source for livestock and crops

**For Livestock** - Restricted to amount  
needed for adequate nutrition

**-- FOB Mfr, TX --**

1100+ lb	\$0.33 /lb
Pallet (44 lb bags)	\$0.32 /lb
6600+ lb	\$0.31 /lb
22000+ lb	\$0.30 /lb

**-- FOB Mfr, UT --**

Van truckload	\$0.23 /lb
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*Larger Quantities - Call for quote*

### **Perma-Guard**

#### **°FOSSIL SHELL FLOUR DIATOMACEOUS EARTH**

Natural Silica Product

Animal feed additive

Promotes animal health by controlling  
internal parasites and absorbing toxins

**For Livestock** - Restricted to amount  
needed for adequate nutrition

**-- FOB EO Warehouse, Texas --**

50+ lb	\$0.85 /lb
250+ lb	\$0.75 /lb
1000+ lb	\$0.70 /lb

**-- FOB Mfr, TX --**

1000+ lb	\$0.56 /lb
Pallet (50 lb bags)	\$0.54 /lb

**-- FOB Mfr, UT --**

Pallet (50 lb bags)	\$0.39 /lb
13+ Pallets	\$0.29 /lb
Van Truckload	\$0.25 /lb

*Larger Quantities - Call for quote*

### **Restora Life**

**°MRX**

Granular

Natural clay-based  
trace mineral supplement

**Direct Ship Only**

**-- FOB Mfr, MS --**

Pallet (50 lb bags)	\$0.39 /lb
2000 lb Super Bag (/lb)	\$0.38 /lb
3+ Super Bags (/lb)	\$0.37 /lb

*Larger Quantities - Call for quote*

### **Thorvin**

#### **°KELP FOR ANIMALS**

Feed supplement,  
Animal Health supplement

**Direct Ship Only**

**-- FOB Mfr, VA --**

Pallet (50 lb bags)	\$1.20 /lb
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*Larger Quantities - Call for quote*

### **Tidal Organics**

#### **°KELP MEAL**

Feed supplement,  
Animal Health supplement

**-- FOB EO Warehouse, Texas --**

50+ lb	\$1.70 /lb
250+ lb	\$1.50 /lb
1000+ lb	\$1.40 /lb

**-- FOB Mfr, TX --**

Pallet (50 lb bags)	\$1.15 /lb
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*Larger Quantities - Call for quote*

# Livestock Feed & Supplements

## LIVESTOCK (CONT)

### Wick's Livestock Nutrltion ° ORGANIC APPLE CIDER VINEGAR 6% (60 grain)

#### Organic

Raw, unfiltered apple cider,  
Animal health supplement

#### -- FOB Mfr, NE --

Drum - (55 gal)	\$7.00 /gal
Drums (4-55 gal)	\$6.75 /gal
Pallet Tank (275 gal)	\$6.60 /gal

*Larger Quantities - Call for quote*

### Wick's Livestock Nutrltion APPLE CIDER VINEGAR 6% (60 grain)

#### Conventional

Raw, unfiltered apple cider,  
Animal health supplement

#### -- FOB Mfr, NE --

Drum - (55 gal)	\$4.75 /gal
Drums (4-55 gal)	\$4.50 /gal
Pallet Tank (275 gal)	\$4.45 /gal

*Larger Quantities - Call for quote*

### Golden Valley ° ORGANIC APPLE CIDER VINEGAR 6% (60 grain)

#### Organic

Raw, unfiltered apple cider,  
Animal health supplement

#### -- FOB Mfr, Idaho --

Drum - (55 gal)	quote /gal
Drums (4-55 gal)	quote /gal
Pallet Tank (275 gal)	quote /gal

*Larger Quantities - Call for quote*

### Golden Valley APPLE CIDER VINEGAR 6% (60 grain)

#### Conventional

Raw, unfiltered apple cider,  
Animal health supplement

#### -- FOB Mfr, Idaho --

Drum - (55 gal)	quote /gal
Drums (4-55 gal)	quote /gal
Pallet Tank (275 gal)	quote /gal

*Larger Quantities - Call for quote*

# Miscellaneous

## EQUIPMENT

### **Mazzei Venturi**

#### **Injectors**

Venturi Injector for  
Commercial Agriculture

*Call to learn more*

### **Erath Earth**

#### **Compost Tea**

#### **Extraction/Brewer Units**

5 to 100 gph units  
Smaller units complete  
Larger units complete  
except for main batching tank

*Call to learn more*

### **Diamond K**

#### **Gypsum Applicators**

Technology to apply gypsum and  
other slowly soluble minerals  
through your irrigation system

*Call to learn more*

### **Jet Harvest Solutions**

#### **Test Strips**

#### **JH 3000 (0 - 160 ppm)**

Use to monitor and maintain  
recommended peracetic acid  
levels in post-harvest handling of  
produce.

*Call to learn more*

### **Garden Moisture Meters**

Simple and inexpensive meters  
that indicate whether the garden  
soil is wet, moist, or dry

*Call to learn more*

## HARD TO CLASSIFY

### **Soil Mender**

#### **°EARTHWORM CASTINGS**

-- FOB EO Warehouse, Texas --

40+ lb	\$1.10 /lb
400+ lb	\$1.00 /lb
1000+ lb	\$0.95 /lb

-- FOB Mfr, TX --

1000 lb	\$0.90 /lb
Pallet (40 lb bags)	\$0.75 /lb
Pallet (super bag)	\$0.70 /lb

*Larger Quantities - Call for quote*

### **Ferti-Organic**

#### **°FERTI-NEEM CAKE**

Neem Cake 100%

#### **Azadirachtin 1000 ppm**

Mix in the soil and around plants to  
increase resistance to pathogens,  
aerate soil and enrich soil nutrients, and  
encourage growth of beneficial flora

-- FOB EO Warehouse, Texas --

50+ lb	\$1.35 /lb
250+ lb	\$1.30 /lb
1000+ lb	\$1.25 /lb
Pallet (50 lb bags)	\$1.15 /lb

*Larger Quantities - Call for quote*

<p align="center"><b>EARTHWISE ORGANICS, INC.</b>  <b>AGRICULTURE PRODUCT LIST – June 2021</b>  Clearance Items</p>
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	Pkg Size	Qty Available	List Price	Clearance Price	
<b>Agri-Energy Resources</b>					
Pillar (Liquid Micronutrient)	275 gal tote	275 GAL			
			\$5.25	<b>\$3.00</b>	/gal
	2.5 gal jug	15 GAL			
<b>Brandt/Monterey</b>					
CMR Adjuvant	2.5 gal jug	5 GAL	\$16.00	<b>\$4.00</b>	/gal
Ag-Aide	1 gal jug	70 GAL	\$115.00	<b>\$75.00</b>	/gal
<b>International Sulfur</b>					
Yellow Jacket Flowable Sulfur					
	2.5 gal jug	85 GAL	\$14.50	<b>\$12.50</b>	/gal
	5 gal case		\$12.50	<b>\$10.50</b>	/gal
<b>JH Biotech</b>					
Aqua Power	1 gal jug	11 GAL	\$16.00	<b>\$14.00</b>	/gal
	4 gal case		\$14.00	<b>\$12.00</b>	/gal
Fosphite	1 gal jug	8 GAL	\$30.00	<b>\$27.00</b>	/gal
	4 gal case		\$27.75	<b>\$24.75</b>	/gal
Pest Out	1 gal jug	40 GAL	\$71.00	<b>\$67.00</b>	/gal
	4 gal case		\$66.00	<b>\$62.00</b>	/gal
<b>Landview</b>					
Primer	2.5 gal jug	25 GAL	\$90.00	<b>\$40.00</b>	/gal
<b>Mizkan</b>					
12% White Vinegar	55 gal drum	110 GAL	\$4.25	<b>\$2.25</b>	/gal

## Index by Product Name - Earthwise Organics Fall 2020 Catalog

Products listed are normally stocked or readily available for direct ship;  
other products from these sources are available by special order

Page(s)
10
29
4, 23
4, 23
4, 23
4, 23
4, 9, 23
4, 23
4, 23
5, 14
3
17, 30
9
12
33
34
34
5, 32
10
26
17, 33
7
16
16
15, 29
20
20
19
20
20
20
20
20
20
20
2, 14
24
18
25

- 8-0-0 (GENESYS N-FORCE)
- OR 350 OR
- ACTIVATE 1005
- ACTIVATE 2004
- ACTIVATE 2005
- ACTIVATE NF
- ACTIVATE NF + WAKE UP
- ACTIVATE PMSLA
- ACTIVATE PMSLA + WAKE UP
- AG-AIDE
- AGRO GOLD SD
- AGSIL 16H
- OR ALLGANIC NITROGEN PLUS 15-0-2
- OR ALLGANIC SULFATE OF POTASH 0-0-52
- OR ANTI-CAKING (REDMOND)
- APPLE CIDER VINEGAR (Conv)
- APPLE CIDER VINEGAR (Organic)
- AQUA DRIVE
- AQUA POWER 5-1-1
- OR AZERA
- AZOMITE NATURAL TRACE MINERAL
- BAC PAC SEED TREAT
- OR BAICOR PHYTO PLUS COBALT
- OR BAICOR PHYTO PLUS MOLY
- OR BIO REPEL
- OR BIOMIN BOOSTER 126
- OR BIOMIN BOOSTER 153
- OR BIOMIN BORON
- OR BIOMIN CAL-BORO LIGHT
- OR BIOMIN CALCIUM
- OR BIOMIN COPPER
- OR BIOMIN IRON
- OR BIOMIN MAGNESIUM
- OR BIOMIN MANGANESE
- OR BIOMIN ZINC
- BORREGRO HA-2 LIQUID HUMIC ACID
- OR BOTECHA ES
- CALCIUM CHELATE W/Boron
- OR CARB-O-NATOR

Page(s)
20
11
11
11
11
11
15
16
30
33
16
25
25
33
26
24
24
32
7, 35
17
29
8, 22
8, 22
27
27
7, 9
10
17
27
33
2
2, 14, 21
25
27
17
6, 16, 32
26
30
2
2
2, 14
2, 14
16
24

### CHICKEN MANURE PRODUCTS

- 4-2-2 PELLETS/HEAT TREATED
- 4-3-2 PELLETS/GRANULAR
- 6-2-2 PELLETS/HEAT TREATED
- 8-2-2 PELLETS
- CHICK MAGIC PELLETS 5-3-2/4-3-2
- CITRIC ACID
- OR COBALT
- COCOON
- OR CONDITIONER (REDMOND)
- OR COPPER SULFATE
- OR CUEVA
- OR DES-X
- OR DIATOMACEOUS EARTH (DE)
- OR DI PEL DF
- OR DOUBLE NICKEL 55
- OR DOUBLE NICKEL LC
- DRIP RITE 1000
- EARTHWORM CASTINGS
- ECO-MIN
- OR ECOTROL PLUS
- ENDO MYCORRHIZAL BLENDS
- ENDO/ECTO MYCORRHIZAL BLENDS
- OR ENTRUST SC
- FIRE ANT INSECTICIDE D-20
- FISH HYDROLYSATE - Brown's
- FISH HYDROLYSATE - Drammatic One
- OR FLORA-STIM
- FOSPHITE
- OR FOSSIL SHELL FLOUR (DE)
- FULMAX
- FULVIC ACID PLUS
- OR GEM-STAR
- OR GRAIN STORAGE INSECTICIDE D-10
- OR GRANUBOR
- GYPSUM - PREMIUM 97 SOLUBLE
- OR HELIGEN
- OR HOMEPLATE
- HUMATES - 70% DRY
- HUMAX
- HUMIC ACID - 15% AND 16% LIQUID
- HUMIC ACID - SOLUBLE
- OR IRON SULFATE
- OR JAVELIN

### CHICKEN DERIVED PRODUCTS

- 10-2-0 POULTRY MEAL
- COOP JUICE 2-1-1
- BLENDING BASE 13-0-0 PELLETS
- COARSE GRADE 10-2-8

## Index by Product Name - Earthwise Organics Fall 2020 Catalog

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Page(s)		Page(s)	
28	OR JET AG	3	◦ PLANT BIOTIK
31	◦ JET OXIDE 5%	12	OR POTASH (POTASSIUM CHLORIDE)
31	◦ JET OXIDE 15%	12	◦ POTASSIUM SULFATE
15, 26	◦ KARANJA OIL	2, 14	◦ POWER K HUMIC ACID
33	◦ KELP MEAL	30	PRIMER
29	OR KEYPLEX 350 OR	21	OR PRO GIBB LV PLUS
12	◦ KMAG (TRIO)	12	◦ PROTASSIUM+
12	◦ KMS 0-0-22-11-22	26	OR PYGANIC EC 1.4 II
25	OR LIFEGARD	26	OR PYGANIC EC 5.0 II
27	OR LIME SULFUR	3	◦ RESIDUCE WS
16	◦ MAGNESIUM SULFATE	13	◦ ROCK PHOSPHATE
16	OR MANGANESE SULFATE	12	◦ ROCK PHOSPHATE + SULFUR BLEND
10	METALOSATE LIQUID N-P-K	33	◦ SALT - FINE #10 (REDMOND)
20	OR METALOSATE POWDER CALCIUM	33	◦ SALT BLOCKS (REDMOND)
20	OR METALOSATE CALCIUM W/BORON	31	◦ SANIDATE 5.0
20	OR METALOSATE POWDER COPPER	18, 21	◦ SEA WEED EXTRACT
19	OR METALOSATE POWDER CROP UP	18, 21	◦ SEAMAX
20	OR METALOSATE POWDER IRON	25	OR SEDUCE
20	OR METALOSATE POWDER MAGNESIUM	26	OR SERENADE ASO
20	OR METALOSATE POWDER MANGANESE	25	OR SIL-MATRIX
19	OR METALOSATE POWDER MULTIMINERAL	15	OR S-K-H STICKER
12	OR METALOSATE POWDER POTASSIUM	25	OR SOILGARD
20	OR METALOSATE POWDER ZINC	17	OR SOLUBOR
5, 15	◦ MIXWELL	7, 13	◦ SOLUPHOS SP
18	OR MOLYBDENUM	3, 7, 21	◦ SP-1
33	◦ MRX FOR LIVESTOCK	29	OR SPORAN EC2
2, 14	◦ MV SOLUBLE POWDER	6, 32	OR SULFUR - ELEMENTAL - 99.5%
3, 7, 21	◦ MVP	27	SULFUR - FLOWABLE
7	◦ MYCO SEED TREAT	6, 16	◦ SULFUR (Soil) - 90%
10	◦ N-FORCE 8-0-0	14	OR SUPER WETTER
5, 14, 32	◦ NATURAL WET	6, 16	◦ SUPERCAL 98G
3	OR NATURE'S SOLUTION	29	OR THYME GARD
35	◦ NEEM CAKE	24	OR TRES OIL
26	◦ NEEM OIL	25	OR TRILOGY
24	OR NEEMIX 4.5	12	◦ TRIO - GRANULAR AND STANDARD
24	OR NEMA-Q	24	OR TRITEK
9	◦ NITRO PLUS	30	OR VINAGREEN
9	OR NITROGEN PLUS 15-0-2 (ALLGANIC)	32	◦ VINEGAR - 12%
24	OR NORDOX 75 WG	32	◦ VINEGAR - 15%
10	NURSERY AND SPECIAL PLANT FOOD 10-4-5	4	◦ WAKE-UP ORGANO
10	◦ ORGANIC PLANT FOOD 3-1-1	30	OR WEED SLAYER KITT
28	OR OXIDATE 5.0	30	OR WEED ZAP
28, 31	OR PERAGREEN 5.6%	7, 35	◦ WORM CASTINGS
31	OR PERAGREEN 15%	26	OR XENTARI
29	OR PEST OUT	27	YELLOW JACKET FLOW SULFUR
25	OR PFR-97	16	OR ZINC SULFATE

## Index by Manufacturers/Product Sources - Earthwise Organics Fall 2020 Catalog

Products listed are normally stocked or readily available for direct ship;  
other products from these sources are available by special order

Page(s)	
26	<b>AgBiTech</b>
	OR HELIGEN
	<b>Agro Research</b>
3	◦ AGRO GOLD SD
15	◦ CITRIC ACID
29	OR THYME GARD
30	OR WEED SLAYER KITT
	<b>Albion</b>
10	METALOSATE LIQUID - N-P-K
20	OR METALOSATE POWDER - CALCIUM
20	OR METALOSATE POWDER - CALCIUM W/ BORON
20	OR METALOSATE POWDER - COPPER
19	OR METALOSATE POWDER - CROP UP
20	OR METALOSATE POWDER - IRON
20	OR METALOSATE POWDER - MAGNESIUM
20	OR METALOSATE POWDER - MANGANESE
19	OR METALOSATE POWDER - MULTIMINERAL
12	OR METALOSATE POWDER - POTASSIUM
20	OR METALOSATE POWDER - ZINC
	<b>Azomite</b>
17, 33	◦ AZOMITE NATURAL TRACE MINERALS
	<b>Bayer CropScience</b>
26	OR SERENADE ASO
	<b>Biosafe Systems</b>
28	OR OXIDATE 5.0
31	◦ SANIDATE 5.0
	<b>Brandt/Monterey</b>
18	OR BAICOR COBALT
18	OR BAICOR MOLY
16	OR BRANDT FERROUS SULFATE - CRYSTAL
27	OR BRANDT LIME SULFUR
5, 14	◦ BRANDT ORGANICS AG-AIDE
15	OR BRANDT ORGANICS S-K-H STICKER
32	DRIP RITE 1000
24	OR NEMA-Q
24	OR NORDOX 75 WG
28, 31	OR PERAGREEN 5.6%
31	OR PERAGREEN 15%
14	OR SUPER WETTER
24	OR TRESOIL
24	OR TRITEK
	<b>Calcium Products</b>
6, 16	◦ SUPERCAL 98G
	<b>Certis</b>
17, 30	AGSIL 16H
24	OR BOTEGHA ES
25	OR CARB-O-NATOR
25	OR CUEVA
25	OR DES-X
24	OR DOUBLE NICKEL 55
24	OR DOUBLE NICKEL LC
25	OR GEM-STAR
30	OR HOMEPLATE
24	OR JAVELIN
25	OR LIFEGARD
24	OR NEEMIX 4.5
25	OR PFR-97
25	OR SEDUCE
25	OR SIL-MATRIX
25	OR SOILGARD
25	OR TRILOGY

Page(s)	
16	<b>Chem One</b>
	OR COPPER SULFATE
16	◦ MAGNESIUM SULFATE
16	OR MANGANESE SULFATE
16	OR ZINC SULFATE
	<b>Cold Spring Egg Farm</b>
11	◦ CHICK MAGIC 5-3-2 AND 4-3-2
	<b>Compass Minerals</b>
12	◦ PROTASSIUM+
	<b>CR Brown Enterprises</b>
7, 9	◦ BROWN'S FISH HYDROLYSATE
	<b>Diamond K</b>
5, 32	AQUA DRIVE
6, 16, 32	◦ PREMIUM 97 SOLUTION GRADE GYPSUM
12	◦ KMS
12	◦ ULTRA FINES SULFATE OF POTASH
	<b>Douglas Plant Health</b>
7	◦ BAC PAC SEED TREAT
3, 7, 21	◦ MVP
7	◦ MYCO SEED TREAT
3	◦ RESIDUCE WS
3, 7, 21	◦ SP-1
	<b>Dow</b>
27	OR ENTRUST SC
	<b>Dramm Corporation</b>
10	OR DRAMMATIC ONE
	<b>Fassio Farms 4F</b>
11	◦ 4-3-2 AG PELLETS / GRANULATED
	<b>Ferti-Organic</b>
2, 14, 21	◦ FERTI-FULVIC PLUS
35	◦ FERTI-NEEM CAKE
26	◦ FERTI-NEEM OIL
9	◦ FERTI-NITRO PLUS
15, 26	◦ KARANJA OIL
18, 21	◦ SEA WEED EXTRACT - SOLUBLE
2, 14	◦ HUMIC ACID - SOLUBLE
	<b>Fertoz</b>
13	◦ ROCK PHOSPHATE
12	◦ ROCK PHOSPHATE + SULFUR BLEND
	<b>Fleischmann's Vinegar Company, Inc</b>
30	OR VINAGREEN
	<b>Golden Valley</b>
34	APPLE CIDER VINEGAR (Non-Organic)
34	◦ ORGANIC APPLE CIDER VINEGAR
	<b>Healthy Soil</b>
17	◦ ECO-MIN
	<b>Hickman's Egg Ranch</b>
11	◦ 4-2-2 AG PELLETS / 4-2-2 HEAT TREATED
11	◦ 6-2-2 AG PELLETS / 6-2-2 HEAT TREATED
11	◦ 8-2-2 AG PELLETS
11	◦ 10-2-0 POULTRY MEAL
9	◦ COOP JUICE 2-1-1
	<b>International Sulfur</b>
27	YELLOW JACKET FLOWABLE SULFUR



## Index by Manufacturers/Product Sources - Earthwise Organics Fall 2020 Catalog

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Page(s)	
12	<b>Intrepid</b>
12	OR POTASH
	OR TRIO - GRANULAR AND STANDARD
28	<b>Jet Harvest Solutions</b>
31	OR JET AG
31	OR JET OXIDE 5%
31	OR JET OXIDE 15%
10	<b>JH Biotech</b>
15, 29	OR AQUA POWER 5-1-1
20	OR BIO REPEL
20	OR BIOMIN BOOSTER 126
20	OR BIOMIN BOOSTER 153
19	OR BIOMIN BORON
20	OR BIOMIN CALCIUM
20	OR BIOMIN CAL-BORO LIGHT
20	OR BIOMIN COPPER
20	OR BIOMIN IRON
20	OR BIOMIN MAGNESIUM
20	OR BIOMIN MANGANESE
20	OR BIOMIN ZINC
27	OR FOSPHITE
2	OR FULMAX
2	OR HUMAX
5, 15	OR MIXWELL
5, 14, 32	OR NATURAL WET
29	OR PEST OUT
18, 21	OR SEAMAX
7, 13	OR SOLUPHOS SP
30	OR WEED ZAP
29	<b>KeyPlex</b>
29	OR ECOTROL PLUS
29	OR KEYPLEX 350 OR
29	OR SPORAN EC2
6, 32	<b>Martin Resources</b>
6, 16	OR 99.5% ELEMENTAL SULFUR
2, 14	OR CSC DS-90 ORGANIC SULFUR PASTILLE
2, 14	<b>Mesa Verde Resources</b>
2	OR BORREGRO HA-2
2, 14	OR JC SMITH LIQUID 16% HUMIC ACID
2	OR MESA VERDE DRY HUMATES 70%
2, 14	OR MV SOLUBLE POWDER
32	<b>Mizkan</b>
32	OR 12% VINEGAR
	OR 15% VINEGAR
8, 22	<b>MycoApply</b>
8, 22	OR ENDO MYCORRHIZAL BLENDS
8, 22	OR ENDO/ECTO MYCORRHIZAL BLENDS
4, 23	<b>Natural Resources Group</b>
4, 23	OR ACTIVATE 1005, 2004, and 2005 MICROBES
4, 23	OR ACTIVATE MICROBES MIXED W/ WAKE UP ORGANO
4, 23	OR ACTIVATE NF
4, 9, 23	OR ACTIVATE NF MIXED W/ WAKE UP ORGANO
4, 23	OR ACTIVATE PMSLA
4, 23	OR ACTIVATE PMSLA MIXED W/ WAKE UP ORGANO
18	OR CALCIUM CHELATE W/Boron LIQUID FOLIAR
3	OR NATURE'S SOLUTION
2, 14	OR POWER K HUMIC ACID
4	OR WAKE-UP ORGANO

Page(s)	
9	<b>Nature Safe</b>
9	OR BLENDING BASE 13-0-0 PELLETS
	OR COARSE GRADE 10-2-8
10	<b>Nature's Source</b>
10	OR NURSERY AND SPECIAL PLANT FOOD 10-4-5
3	OR ORGANIC PLANT FOOD 3-1-1
	OR PLANT BIOTIK
27	<b>Permaguard</b>
33	OR FIRE ANT INSECTICIDE D-20
27	OR FOSSIL SHELL FLOUR (DIATOMACEOUS EARTH)
	OR GRAIN OR SEED STORAGE INSECTICIDE D-10
30	<b>Powerline</b>
	PRIMER
33	<b>Redmond Minerals</b>
33	OR ANTI-CAKING AGENT (CONDITIONER)
33	OR NATURAL TRACE MINERAL SALT
33	OR NATURAL MINERAL SALT BLOCK
17	<b>Restora-Life Minerals</b>
33	OR FLORA-STIM
	OR MRX
30	<b>Sipcam/Advan</b>
	OR COCOON
13	<b>Soda Springs Phosphate</b>
	OR SOFT ROCK PHOSPHATE
7, 35	<b>Soil Mender</b>
	OR WORM CASTINGS
9	<b>SQM</b>
12	OR ALLGANIC NITROGEN PLUS 15-0-2
	OR ALLGANIC SULFATE OF POTASH 0-0-52
10	<b>Summit Gold</b>
	OR GENESYS N-FORCE 8-0-0
33	<b>Thorvin</b>
	OR THORVIN KELP MEAL FOR ANIMALS
33	<b>Tidal Organics</b>
	OR KELP MEAL
6, 32	<b>Tiger Sulfur</b>
6, 16	OR 99.5% ELEMENTAL SULFUR
	OR TIGER ORGANIC 90 CR SULPHUR
17	<b>U.S. Borax</b>
17	OR GRANUBOR
	OR SOLUBOR
26	<b>Valent BioSciences</b>
26	OR AZERA
26	OR DI PEL DF
21	OR PRO GIBB LV PLUS
26	OR PYGANIC CROP PROTECTION EC 1.4 II
26	OR PYGANIC CROP PROTECTION EC 5.0 II
26	OR XENTARI
34	<b>Wick's Livestock Nutrition LLC</b>
34	OR APPLE CIDER VINEGAR (Non-Organic)
	OR ORGANIC APPLE CIDER VINEGAR