

Earthwise Organics, Inc.

AGRICULTURE PRODUCT LIST – May 2025

To Our Customers:

The Spring Catalog is here!

As costs continue to rise for all aspects of agriculture, using products wisely and systematically has never been more important. Synergy is a heckuva bargain! To leverage this bargain, Earthwise has created detailed, "synergistic" **"organic growing plan"** templates for various crops upon request. These plans include recommended rates, timings, and products for organic crops - from preplant all the way through to post harvest. Give us a call to access the template you need. Detailed information on the **products** recommended on these templates is available on our **website** or give us a call - we are happy to explain how our 'recommended system' can be adapted to enhance the efficiency of your particular crop production goals. Let me repeat that:- **Synergy is a heckuva bargain!**

At Earthwise, we represent about 50 manufacturers and a very wide variety of products as seen in this catalog! We can often ship same day when the need is there. And with our customer base spread across the US, these shipping options help with product costs, freight costs, and just as importantly - transit times.

Catalog Notes:

Indexes - We have **2 catalog indexes**, located in the **front pages of the catalog**. The indexes match manufacturers and products with catalog page numbers. Both manufacturer and product names are in alphabetical order – just find the name and look for the page number to the left. This should make it easier to quickly find the products you need.

Website - All of our product information is also searchable on our [website](#). **The search box for our website is at the far right of the main menu line on each page.**

The Clearance Page is where we discount overstocked and/or discontinued items - it never hurts to take a look in the "bargain bin" - you might find just what you've been looking for at a price that's hard to pass up!

Earthwise 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. **A lot has changed over those years!** One thing hasn't changed - You have the option to access our expertise and pricing at a time and place most convenient for you. Between the website, texts, emails and phone calls we are ready to help with our experience, knowledge, and product line.

We have been doing the Natural Growing thing since 1983 - yes, I'm afraid it's been that long! And after all these years. Earthwise is still serving sustainable growers of all sizes and categories - from row crops to vegetables and beyond! As we have been saying for that long, long time now: **"We specialize in everything from Alfalfa to Zucchini."**

We would like to thank all our customers for the opportunity to compete for your business. These first 28 years have been challenging, informative and rewarding, it's quite likely the future will be too!

Thomas Harr, President and Chief Bottle Washer

Important note about our catalog and the NOP rules!

Products in the catalog with a superscript ^o (organic) next to them are **generally** acceptable for "Organic" production. The superscript ^{OR} (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.

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

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Clearance Items

<i>Company</i>	<i>Pkg Size</i>	<i>Qty Available</i>	<i>List Price</i>	<i>Clearance Price</i>	<i>Unit</i>
Agro Logistics					
Debug ON	2.5 gal jug	120 gal	\$43.50	\$20.00	/gal
Agro Research					
Weed Slayer KITT	2 qt KITT	7 KITTS	\$65.00	\$25.00	/qt
<i>Discontinued by manufacturer</i>	5 gal KITT	10 KITTS	\$100.00	\$45.00	/gal
Albion					
Metalosate Copper	5 lb jug	5 lb	\$21.50	\$12.00	/lb
<i>Direct ship only (after current stock sold)</i>					
Metalosate Zinc	5 lb jug	5 lb	\$21.50	\$12.00	/lb
<i>Direct ship only (after current stock sold)</i>					
Brandt/Monterey					
719 Spreader	1 gal jug	10 gal	\$91.00	1 gal - \$65.00	/gal
<i>Direct ship only (after current stock sold)</i>			\$85.00	4+ gal - \$60.00	/gal
Ag Aide	1 gal jug	17 gal	\$115.00	\$50.00	/gal
<i>Direct ship only (after current stock sold)</i>					
CMR Adjuvant Cottonseed Oil	2.5 gal jug	5 gal	\$16.00	\$5.00	/gal
<i>Discontinued by manufacturer</i>					
Lime Sulfur	2.5 gal jug	15 gal	\$17.50	2.5 gal - \$11.00	/gal
<i>Direct ship only (after current stock sold)</i>			\$16.25	5+ gal - \$10.00	/gal
SKH Sticker	5 lb bag	145 lb	\$4.00	\$1.00	/lb
<i>Direct ship only (after current stock sold)</i>					
Super Wetter	1 gal jug	7 gal	\$106.00	1 gal - \$75.00	/gal
<i>Direct ship only (after current stock sold)</i>			\$102.00	4+ gal - \$70.00	/gal
Certis,					
MeloCon LC	35 oz. jug	6 jugs	\$305.00	\$50.00	/jug
<i>Discontinued by manufacturer</i>					
HomePlate	2.5 gal jug	15 gal	\$72.00	\$60.00	/gal
<i>Direct ship only (after current stock sold)</i>					

Continued on next page

Clearance Items

Company	Pkg Size	Qty Available	List Price	Clearance Price	Unit
Diamond K					
Aqua Drive	2.5 gal jug	95 gal	\$43.50	\$20.00	/gal
<i>Direct ship only (after current stock sold)</i>					
Ferti Organic					
Neem Cake	50 lb bag	100 lb	\$3.45	\$2.00	/lb
<i>Direct ship only (after current stock sold)</i>					
JH Biotech					
Pest Out	quart	10 qts	\$18.00	\$12.00	/qt
<i>Direct ship only (after current stock sold)</i>					
Keyplex					
Sporan	1 gal jug	4 gal	\$110.00	\$90.00	/gal
<i>Direct ship only (after current stock sold)</i>					
AWP	2.5 gal jug	2.5 gal	\$110.00	\$90.00	/gal
<i>Direct ship only (after current stock sold)</i>					
Natural Resources Group					
Power K Humic Acid	25 lb bucket	100 lb	\$8.00	\$6.50	/lb
<i>Direct ship only (after current stock sold)</i>					
Soil Mender					
Worm Castings	40 lb bag	320 lb	1.20	\$0.90	/lb
<i>Direct ship only (after current stock sold)</i>					
Valent					
Pyganic 1.4%	1 gal	7 gal	\$202.50	\$125.00	/gal
<i>Direct ship only (after current stock sold)</i>					

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.

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	\$4.40 /lb
250+ lb	\$4.25 /lb

-- FOB Texas --

250+ lb	\$4.65 /lb
1000+ lb	\$4.20 /lb
Pallet (50 lb bags)	\$4.10 /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	\$4.75 /lb
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-- FOB Texas --

250+ lb	\$5.00 /lb
1000+ lb	\$4.50 /lb
Pallet (50 lb bags)	\$4.40 /lb

Larger Quantities - Call for quote

JH Biotech

°FULMAX

3% Fulvic Acid

For use in the soil or as foliar adjuvant.

Direct Ship Only

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

5+ gal	\$15.00 /gal
20+ gal	\$14.50 /gal
80+ gal	\$14.00 /gal
Pallet (180 gal)	\$13.00 /gal

Larger Quantities - Call for quote

JH Biotech

°HUMAX

12% Humic Acid

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse, Texas --

2.5+ gal	\$10.00 /gal
5+ gal	\$9.50 /gal

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

5+ gal	\$8.60 /gal
20+ gal	\$8.30 /gal
80+ gal	\$8.00 /gal
Pallet (180 gal)	\$7.50 /gal

Larger Quantities - Call for quote

NRG

°POWER K HUMIC ACID

Soluble Powder

55% Humic, 30% Fulvic

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse, Texas --

Clearance Pricing on In-Stock Inventory

100 lb available @ \$6.50 /lb
(25 lb buckets)

See Clearance page for more info

-- FOB Mfr, CA --

25+ lb	\$8.70 /lb
50+ lb	\$6.50 /lb
250+ lb	\$6.25 /lb
1000+ lb	\$5.50 /lb
Pallet (50 lb bags)	\$5.30 /lb

Larger Quantities - Call for quote

°SOLUBLE HUMIC 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)	\$3.15 /lb
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Larger Quantities - Call for quote

°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 (2-6 mm)

Direct Ship Only

-- FOB Mfr, NM --

Pallet (50 lb bags)	\$0.26 /lb
2000 lb Super Bag	\$0.21 /lb
3+ Super Bags	\$0.20 /lb

Larger Quantities - Call for quote

GREENS GRADE (1-3 mm)

Direct Ship Only

-- FOB Mfr, NM --

Pallet (50 lb bags)	\$0.33 /lb
2000 lb Super Bag	\$0.28 /lb
3+ Super Bags	\$0.27 /lb

Larger Quantities - Call for quote

Additional Humate

Products Available

See Website Notes for more info

Custom Screening and

Various Particle Sizes Possible

Direct Ship - Pallet Quantities Only

FOB Mfr, NM

LignoTech USA

°BORREGRO HA-2

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr, WI --

Pallet Tank	Quote /gal
1000+ gal (in totes)	Quote /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 significantly improve yield and quality in most crops.

Earthwise strives to represent the most agronomically efficient of the many microbial products currently produced.

DPH Biologicals

°SP-1

Microbial Inoculant

Stable liquid microbial formula.

Supplies and stimulates diverse soil microbial life.

Improves soil tilth and health.

Direct Ship Only

-- FOB Mfr, IL --

5+ gal	\$13.50 /gal
20+ gal	\$12.80 /gal
80+ gal	\$12.30 /gal
Pallet Tank	\$8.30 /gal
1000 gal (in totes)	\$7.90 /gal

Larger Quantities - Call for quote

DPH Biologicals

°MVP

Microbial Inoculant

Stable liquid microbial formula.

Supplies and stimulates diverse soil microbial life.

Improves soil tilth and health.

Direct Ship Only

-- FOB Mfr, IL --

5+ gal	\$12.75 /gal
20+ gal	\$12.00 /gal
80+ gal	\$11.50 /gal
Pallet Tank	\$7.50 /gal
1000 gal (in totes)	\$7.25 /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

Direct Ship Only

-- FOB Mfr, CA --

Pallet Tank	\$2.40 /gal
1100 gal (in totes)	\$2.30 /gal

Larger Quantities - Call for quote

Westway

°MOLASSES

Soil Energy Amendment

Molasses can be used to stimulate soil microbial life. It can also be used as a foliar or soil amendment in higher amounts to slow the growth of the plant temporarily by tying up excess nitrogen

1 ton of molasses

will equal about 170 gallons

Direct Ship Only

-- FOB Mfr, TX, TN, CA, etc --

½ Bulk Truckload	Quote /ton
Bulk Truckload	Quote /ton

Larger Quantities - Call for quote

Differentiating between

Organic Residue

and Organic Matter

A bumper harvest of leftover residue at planting time can be a real problem. This situation can occur following a good corn crop, cover crop, or a rapid succession of vegetable plantings.

*Having abundant **Organic Residue** to return to the soil is normally greatly desired by the biological farmer. Under favorable conditions, this **Organic Residue** will break down to form the more stable **Organic Matter** which is so critical to a fertile soil. But under the wrong conditions it may be easily converted to carbon dioxide and lost to the atmosphere.*

Residue WS and BioAct SD

(see next page) can help with this conversion process.

*It is formulated to **quickly and efficiently** break down*

***organic residue into organic matter** which then becomes part of the soil.*

Soil Amendments

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

MICROBES AND MICROBIAL

FOOD SOURCES

(cont)

DPH Biologicals

◦RESIDUCE WS

Fungal Decay Organisms
Facilitates rapid, comprehensive, and nutrient-efficient breakdown of crops, manure, and pesticide residues through use of selected fungal micro-organisms.

Usage Rates: 1 - 3 oz/ acre

Direct Ship Only

-- FOB Mfr, IL --

1+ lb	\$125.00 /lb
5+ lb	\$115.00 /lb
10+ lb	\$106.00 /lb
30+ lb	\$101.00 /lb

Larger Quantities - Call for quote

JH Biotech

◦BIOACT SD

Fungal Decay Organisms
stubble digester that accelerates the degrading process of field stubble and crop residue

Usage Rates: 1 - 2 lb/ acre

Direct Ship Only

-- FOB Mfr, IL --

20+ lb	\$17.00 /lb
60+ lb	\$16.00 /lb
120+ lb	\$15.50 /lb
480+ lb	\$14.60 /lb

Larger Quantities - Call for quote

NRG Activate Series of organisms listed on this page have been shown to work most effectively **when applied into a 'rich' soil** with readily available organic food sources along with NRG's proprietary food source: **Wake-Up Organo.**

*These **Activate** species are selected for their **individual characteristics** and can be combined as appropriate to achieve desired results in a given crop and soil setting while creating synergistic effects benefitting overall 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	\$13.50 /lb
150+ lb	\$13.15 /lb

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 --

5.3 lb (bucket)	\$35.00 /lb
31.8 lb (bucket)	\$28.50 /lb
159 lb (5 buckets)	\$27.00 /lb
1000+ lb	\$26.25 /lb

Larger Quantities - Call for quote

Soil Amendments

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

WETTING AGENTS AND SOIL SURFACTANTS

Surfactants and/or wetting agents can help improve the permeability of a compacted soil. This allows for increased water and air movement, which are prerequisites for optimal growth and health of plants and beneficial microorganisms (and macroorganisms).

Yield Robber

Poor Internal Drainage of the soil.

Whatever might be the reason for it (and there are certainly many!), poor internal soil drainage presents a major challenge to germinating and growing a profitable crop.

Not everyone is blessed with soils perfectly suited for the crops they want to grow, and even if soils start out in pretty good shape, poor irrigation water quality can quickly make maintaining soil tilth challenging.

If a soil becomes too compacted (through mineral imbalances) to easily accept water at the surface and allow rapid infiltration. These mineral imbalances also create internal drainage problems that allow salt buildup. Water is wasted, roots stagnate, and problems multiply.

So, what is the Solution?

There is no one "magic" solution

But read ahead to see how

Surfactants can be part of the answer.

Diamond K AQUA DRIVE

A non-ionic surfactant additive designed to improve 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 and complete pattern through the soil profile.

Not allowed for Organic Use

-- FOB EO Warehouse, Texas --
Clearance Pricing on In-Stock Inventory
105 gal available @ \$20.00 /gal
See Clearance page for more info

-- FOB Mfr, UT --

Pallet (180 gal) \$40.75 /gal
Pallet Tank \$38.60 /gal

Larger Quantities - Call for quote

Internal Drainage Kickstarter

Under the right circumstances, Surfactants can "jump-start" the water infiltration process in your soil.

Internal drainage and soil/air exchange can be temporarily improved by application of surfactants.

Once drainage is established, continuing application of biological and/or mineral amendments can maintain drainage; improving root growth and nutrient uptake in the soil rhizosphere

This two step approach results in a more friable, resilient, sustainable, and just plain old "plant-friendly" soil.

JH Biotech MIXWELL

40.0%

B-Hydroxytricarballic acid

Improves soil characteristics by lowering the soil pH.

Direct Ship Only

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

5+ gal \$17.15 /gal
20+ gal \$16.75 /gal
80+ gal \$16.00 /gal
Pallet (180 gal) \$15.00 /gal

Larger Quantities - Call for quote

JH Biotech NATURAL WET

Contains Saponins derived from Yucca Plants
10% Yucca compounds
Natural, non-ionic surfactant.

-- FOB EO Warehouse, Texas --

2.5+ gal \$22.75 /gal
5+ gal \$22.00 /gal
20+ gal \$21.50 /gal

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

5+ gal \$20.00 /gal
20+ gal \$19.50 /gal
80+ gal \$18.50 /gal
Pallet (180 gal) \$17.50 /gal

Larger Quantities - Call for quote

Brandt Organics AG-AIDE

Yucca Extract
Natural, non-ionic surfactant.

Clearance Pricing on In-Stock Inventory
17 gal available @ \$50.00 /gal
See Clearance page for more info

-- FOB Mfr, CA / IL --

4 gal \$136.00 /gal
20 gal \$132.00 /gal
80 gal \$125.00 /gal
Pallet (144 gal) \$116.00 /gal

Larger Quantities - Call for quote

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 the great majority of edible plants is from about 6 to 7. See chart to right.

Using **Lime on low pH** soils 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 (a neutral mineral) may also be used as a soil amendment to improve soil friability or tilth. It is especially effective at improving the root environment when soil calcium levels are low and/or the salt content of irrigation water is high.

90% SOIL SULFUR

Pastille Sulfur

Suitable for dry application to the soil.

Temporarily lowers soil pH;
Improves mineral uptake and aids in sodium leaching in high pH soils.

-- FOB EO Warehouse, Texas --

50+ (50 lb bags)	\$0.52 /lb
250+ (50 lb bags)	\$0.46 /lb
1000+ (50 lb bags)	\$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) --

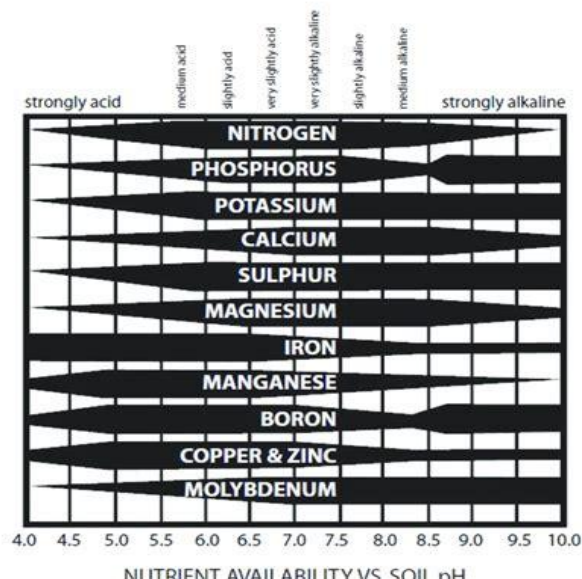
Pallet (50 lb bags)	Quote /lb
2000 lb Super Bag	Quote /lb
3+ Super Bags	Quote /lb

Larger Quantities - Call for quote

Chart showing nutrient availability at varying soil pH. (researchgate.net)

To the right is an effective illustration of why soil pH is so important for crop yields.

Soil pH values at either extreme often require additional nutrient supplementation and/or microbial enhancement to overcome nutrient availability issues.



99.5% ELEMENTAL SULFUR

Pastille Sulfur

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

Calcium Products

98% STANDARD

Pelletized Limestone

Suitable for dry application to the soil.

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

Direct Ship Only

-- FOB Mfr, IA --

Pallet (50 lb bags)	\$0.20 /lb
2000 lb Super Bag	\$0.18 /lb
3+ Super Bags	\$0.17 /lb

Larger Quantities - Call for quote

Diamond K

GYPSUM

SOLUTION GRADE 97

97% Pure Calcium Sulfate

Water suspendable/soluble powder
Can be applied through drip or pivot.
Improves soils irrigated with poor quality water.

Direct Ship Only

-- 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

Seed and Seed Trench Treatments

Seed and Seed Trench Treatments

are suitable to promote and accelerate germination, emergence, and the early growth of plants.

Especially useful when planting in challenging soil and temperature environments.

DPH Biologicals

°MYCO SEED TREAT

Planter Box Treatment

5 species of Endo Mycorrhizal Fungi with helper bacteria creates a symbiotic relationship with plant roots and improves mineral uptake and drought resistance.

Direct Ship Only

-- FOB Mfr, IL --

1+ lb	\$77.00 /lb
5+ lb	\$62.50 /lb
10+ lb	\$52.00 /lb
30+ lb	\$44.00 /lb
150+ lb	\$42.50 /lb

Larger Quantities - Call for quote

DPH Biologicals

°SP-1

Microbial Inoculant

Stable liquid microbial formula.
Improves soil tilth and health.

Direct Ship Only

-- FOB Mfr, IL --

5+ gal	\$13.50 /gal
20+ gal	\$12.80 /gal
80+ gal	\$12.30 /gal
Pallet Tank	\$8.20 /gal
1000 gal (in totes)	\$7.90 /gal

Larger Quantities - Call for quote

DPH Biologicals

°MVP

Microbial Inoculant

Stable liquid microbial formula.
Improves soil tilth and health.

Direct Ship Only

-- FOB Mfr, IL --

5+ gal	\$12.75 /gal
20+ gal	\$12.00 /gal
80+ gal	\$11.50 /gal
Pallet Tank	\$7.50 /gal
1000 gal (in totes)	\$7.25 /gal

Larger Quantities - Call for quote

CR Brown

°BROWN'S FISH HYDROLYSATE

2 - 3 - 1

Cold processed hydrolysate
Natural plant and soil microbe food containing all original fish oils, proteins, and calcium sources.

Promotes soil microbe growth and diversity.

Good source of highly available phosphate for early root growth.

-- FOB EO Warehouse, Texas --

1+ gal	\$11.50 /gal
4+ gal	\$11.00 /gal
Drum - 55 gal	\$7.25 /gal
Pallet Tank (260 gal)	\$5.10 /gal

-- FOB Mfr, NC --

5+ gal	\$9.00 /gal
20+ gal	\$8.50 /gal
80+ gal	\$8.00 /gal
Pallet (180 gal)	\$7.75 /gal
Drum - 55 gal	\$5.50 /gal
Drums 4-55 gal	\$5.00 /gal
Pallet Tank	\$4.50 /gal
1040 gal (4 totes)	\$4.30 /gal
2600 gal (10 totes)	\$4.20 /gal
4420 gal (17 totes)	Quote /gal

°EARTHWORM CASTINGS

Clearance Pricing on In-Stock Inventory

-- FOB EO Warehouse, Texas --

8 bags available @ \$0.90 /lb
See Clearance page for more info

-- FOB Mfr, TX --

Pallet (25 lb bags)	\$0.71 /lb
Super Bag (+/- 1400 lb)	\$0.49 /lb

°EARTHWORM CASTINGS w/ MYCORRHIZAE

Direct Ship Only

-- FOB Mfr, TX --

400 lb (10 lb bags)	\$2.10 /lb
1000 lb (10 lb bags)	\$2.00 /lb
Pallet (10 lb bags)	\$1.90 /lb

Larger Quantities - Call for quote

JH Biotech

°SOLUPHOS SP

Microbial Inoculant for soil

Phosphate solubilizing bacteria

make P more available to plant roots

Bacillus licheniformis

Pseudomonas putida

Direct Ship Only

-- FOB Mfr, CA --

20+ lb	\$17.25 /lb
100+ lb	\$16.00 /lb

Larger Quantities - Call for quote

Nature's Source

°ORGANIC PLANT FOOD 3-1-1

Derived from fermented oilseed extract

Contains secondary micronutrients along with calcium and magnesium.

Far lower salt index than most commonly used water-soluble fertilizers.

Appropriate for continuous feed (hydroponic) and for field crops.

Direct Ship Only

-- FOB Mfr, TX --

5+ gal	\$11.00 /gal
20+ gal	\$10.60 /gal
80+ gal	\$10.15 /gal
Pallet (180 gal)	\$9.30 /gal
Pallet Tank (250 gal)	\$8.40 /gal
1000 gal (in totes)	\$8.10 /gal

Larger Quantities - Call for quote

Seed and Seed Trench Treatments

Mycorrhizal Fungi

"The Friendly Fungus"

Myco Pro

MYCORRHIZAE

ENDO FUNGAL SPECIES

Symbiotic with Plant Roots

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

MYCOPRO AG

5 endo species blend

For dry or liquid application.

Suspendable in water with agitation.

1 pound treats up to 1 acre

Direct Ship Only

-- FOB CA --

20+ lb	\$13.50 /lb
100+ lb	\$13.15 /lb
400+ lb	\$12.75 /lb

MYCOPRO AG PLUS

5 endo species blend

Concentrated,

Easily suspendable powder.

1 pound treats up to 150 acres

Direct Ship Only

-- FOB CA --

1 lb	\$1285.00 /lb
2 lb	\$1240.00 /lb
4 lb	\$1225.00 /lb
10 lb	\$1200.00 /lb

Myco Apply

MYCORRHIZAE

Symbiotic with Plant Roots

ENDO FUNGAL SPECIES

GRANULAR ENDO

4 species blend

For soil or media application

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

Direct Ship Only

-- FOB CA --

40+ lb	\$10.00 /lb
200+ lb	\$9.50 /lb
800+ lb	\$9.15 /lb

ENDO-ECTO FUNGAL SPECIES

Products below are appropriate for conifers, oaks, pecans, and others.

ULTRAFINE ENDO / ECTO

4 Endo / 7 Ecto Species

For dry or liquid application.

Suspendable in water with agitation.

Direct Ship Only

-- FOB CA --

20+ lb	\$20.00 /lb
100+ lb	\$19.00 /lb
400+ lb	\$18.50 /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	\$48.00 /lb
4+ lb	\$45.00 /lb
20+ lb	\$44.00 /lb
100+ lb	\$42.35 /lb

The Farmer's Fungus

Mycorrhizal Fungi are known for developing a symbiotic relationship with plant root systems. Plants allow the fungal organisms to attach to their root system. The plant supplies energy in the form of carbohydrates to the fungi. In turn the fungal system grows its hyphae out and begins to supply an enhanced mineral nutrient and water flow to the plant.

A plant successfully "infected" with mycorrhizal fungi hyphae will receive nutrients and water from a larger volume of soil when compared with a normal root system alone.

In addition to exploring a larger volume of soil, a plant will receive more nutrients from within the "normal" root mass area of the soil. This is because the mycorrhizal fungal hyphae explore much more of the soil area between the root hairs of the plant. Studies have indicated as much as a 1000 fold increase in soil contacted by the plant's "root system".

This all means more efficient use of applied and pre-existing soil nutrients before they are made unavailable by leaching, volatilization, and "tie-up".

See 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

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

Albion

METALOSATE NPK

4-17-17

Amino Acid Chelate

Liquid formulation for foliar application.

Not allowed for Organic Use

Direct Ship Only

-- FOB Mfr, UT --

5+ gal	\$39.00 /gal
20+ gal	\$37.50 /gal
80+ gal	\$36.50 /gal
Pallet (180 gal)	\$35.75 /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	\$11.50 /gal
4+ gal	\$11.00 /gal
Drum - 55 gal	\$7.25 /gal
Pallet Tank (260 gal)	\$5.10 /gal

-- FOB Mfr, NC --

4+ gal	\$9.00 /gal
20+ gal	\$8.50 /gal
80+ gal	\$8.00 /gal
Pallet (180 gal)	\$7.75 /gal
Drum - 55 gal	\$5.50 /gal
Drums 4-55 gal	\$5.00 /gal
Pallet Tank (260 gal)	\$4.50 /gal
1040 gal (4 totes)	\$4.30 /gal
2600 gal (10 totes)	\$4.20 /gal
4420 gal (17 totes)	Quote /gal

Darling Ingredients

°NATURE SAFE BLENDING BASE 13-0-0

Slow Release N

13-0-0 (**Pellets**)

Hydrolyzed feather, meat, and blood meal.

Direct Ship Only

-- FOB Mfr, KY --

Pallet (50 lb bags)	\$0.66 /lb
2000 lb Super Bag	\$0.65 /lb
3+ Super Bags	\$0.63 /lb

13-0-0 (**Coarse Grade**)

Direct Ship Only

-- FOB Mfr, KY --

Pallet (50 lb bags)	\$0.67 /lb
2000 lb Super Bag	\$0.66 /lb
3+ Super Bags	\$0.64 /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)	\$0.70 /lb
2000 lb Super Bag	\$0.68 /lb
3+ Super Bags	\$0.67 /lb

Larger Quantities - Call for quote

Darling Ingredients

°NATURE SAFE 8-5-5 PELLETED GRADE

Meat and bone meal, feather meal, blood meal and sulfate of potash..

Direct Ship Only

-- FOB Mfr, KY --

Pallet (50 lb bags)	\$0.61 /lb
2000 lb Super Bag	\$0.60 /lb
3+ Super Bags	\$0.59 /lb

Larger Quantities - Call for quote

Darling Ingredients

°NATURE SAFE 7-7-7

Dry Flowable powder derived from corn steep liquor.

Direct Ship Only

-- FOB Mfr, KY --

Pallet (50 lb bags)	\$1.35 /lb
2000 lb Super Bag	\$1.30 /lb
3+ Super Bags	\$1.25 /lb

Larger Quantities - Call for quote

Dramm Corp

OR°DRAMMATIC O LIQUID FISH

2 - 5 - 0.2

Cold processed hydrolysate containing all original Fish Oils and Calcium sources.

Direct Ship Only

-- FOB Mfr, IL --

Pallet Tank	\$8.00 /gal
1000 gal (in totes)	\$7.80 /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 containing all original Fish oils and Calcium sources.

Direct Ship Only

-- FOB Mfr, IL --

Pallet Tank	\$11.00 /gal
1000 gal (in totes)	\$10.50 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(CONT)

Ferti-Organic

°NITRO PLUS

13.62-0-0

Water Soluble, Derived from non-GMO soy protein. Recommended for soil, foliar, and hydroponic applications.

(Rates of 2 - 9 lb per acre)

Direct Ship Only

-- FOB Mfr. TX --

250+ lb (/lb)	\$6.50 /lb
1000+ lb (/lb)	\$5.80 /lb
Pallet (50 lb bags)	\$5.65 /lb

Larger Quantities - Call for quote

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 additional minerals in trace amounts.

-- FOB EO Warehouse, Texas --

2.5+ gal	\$13.50 /gal
5+ gal	\$13.00 /gal

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

5+ gal	\$12.50 /gal
20+ gal	\$11.75 /gal
80+ gal	\$11.25 /gal
Pallet (180 gal)	\$10.50 /gal
Drum - 55 gal	\$11.00 /gal
Drums 4-55 gal	\$10.50 /gal
Pallet Tank (250 gal)	\$10.60 /gal

Larger Quantities - Call for quote

JH Biotech

°BIOMIN N 5-0-0

5.0% Nitrogen

Natural, organic fertilizer derived from hydrolyzed vegetable proteins.

-- FOB EO Warehouse, Texas --

2.5+ gal	\$12.00 /gal
5+ gal	\$11.50 /gal
20+ gal	\$11.00 /gal

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

5+ gal	\$10.00 /gal
20+ gal	\$9.75 /gal
80+ gal	\$9.25 /gal
Pallet (180 gal)	\$8.75 /gal
Drum - 55 gal	\$9.00 /gal
Pallet Tank	\$8.75 /gal

Larger Quantities - Call for quote

Nature's Source

°ORGANIC PLANT FOOD

3-1-1

Derived from fermented oilseed extract

Contains secondary micronutrients along with calcium and magnesium.

Far lower salt index than most commonly used water-soluble fertilizers.

Appropriate for continuous feed (hydroponic) and for field crops.

Direct Ship Only

-- FOB Mfr, TX --

5+ gal	\$11.00 /gal
20+ gal	\$10.60 /gal
80+ gal	\$10.15 /gal
Pallet (180 gal)	\$9.30 /gal
Pallet Tank (250 gal)	\$8.40 /gal
1000 gal (in totes)	\$8.10 /gal

Larger Quantities - Call for quote

Nature's Source

NURSERY AND SPECIAL PLANT FOOD 10-4-5

Liquid formulation of nutrients derived from fermented oilseed extract and fortified with NPK

Far lower salt index than most commonly used water-soluble fertilizers.

Not allowed for Organic Use

Direct Ship Only

-- FOB Mfr, TX --

5+ gal	\$11.00 /gal
20+ gal	\$10.75 /gal
80+ gal	\$10.30 /gal
Pallet (180 gal)	\$9.50 /gal
Pallet Tank (275 gal)	\$6.50 /gal

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 --

5.3 lb (bucket)	\$35.00 /lb
31.8 lb (bucket)	\$28.50 /lb
159 lb (5 buckets)	\$27.00 /lb
1000+ lb	\$26.25 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(CONT)

SQM

OR ALLGANIC NITROGEN PLUS

15-0-2

Water soluble source of N and K.
N in this product is in the *Nitrate form*
which is usually lacking in organic
production systems.

-- FOB EO Warehouse, Texas --

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

FOB Mfr,

-- TX / DE / CA / FL --

Pallet (50 lb bags)	\$0.79 /lb
3+ Pallets (50 lb bags)	\$0.77 /lb
2645 lb Super Bag	\$0.77 /lb
3+ Super Bags	\$0.74 /lb

Larger Quantities - Call for quote

Summit Gold

o GENESYS N-FORCE 8-0-0

Liquid formulation of nutrients derived
from plant protein hydrolysate

100% derived from L-amino acids

Appropriate for use as foliar, in furrow
treatment, and drip irrigation.

Direct Ship Only

-- FOB Mfr, IL --

Pallet (180 gal)	\$16.40 /gal
Pallet Tank (265 gal)	\$14.00 /gal

Larger Quantities - Call for quote

NPK - FERTILIZERS

(MANURES)

Cold Spring Egg Farm

FOB Wisconsin

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

o CM 4-3-2

+ 9% CALCIUM

Granular

Direct Ship Only

-- FOB Mfr, WI --

Pallet (40 lb bags)	\$0.25 /lb
2000 lb Super Bag	\$0.16 /lb
3+ Super Bags	\$0.15 /lb

Larger Quantities - Call for quote

o CM 4-3-2

+ 9% CALCIUM

Pelletized

Direct Ship Only

-- FOB Mfr, WI --

Pallet (40 lb bags)	\$0.23 /lb
2000 lb Super Bag	\$0.15 /lb
3+ Super Bags	\$0.14 /lb

Larger Quantities - Call for quote

Fassio Farms

FOB Utah

o 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 --

2000 lb Super Bag	\$0.15 /lb
3+ Super Bags	\$0.14 /lb

Larger Quantities - Call for quote

o 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

o Fertoz

FOB Utah

FERTIFY 2-8-4

Pelleted Chicken Litter fortified with
Rock Phosphate and Sulfate of Potash

Direct Ship Only

-- FOB Mfr, MT --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(MANURES, CONT)

HE Ranch

FOB Arizona

THE FARMS CHOICE 4-2-2

Heat Treated

A meal-type product - can be dusty.

Direct Ship Only

-- FOB Mfr, AZ --

Bulk Only Quote /lb

Larger Quantities - Call for quote

True Organic Products

FOB Arizona

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

TRUE 4-4-2

Chicken Manure **Pellets**

Direct Ship Only

-- FOB Mfr, AZ --

2000 lb Super Bag \$0.17 /lb

3+ Super Bags \$0.16 /lb

Larger Quantities - Call for quote

TRUE 5-5-2

Chicken Manure **Pellets**

Direct Ship Only

-- FOB Mfr, AZ --

2000 lb Super Bag \$0.21 /lb

3+ Super Bags \$0.20 /lb

Larger Quantities - Call for quote

TRUE 8-5-1

Chicken Manure **Pellets**

Direct Ship Only

-- FOB Mfr, AZ --

2000 lb Super Bag \$0.33 /lb

3+ Super Bags \$0.32 /lb

Larger Quantities - Call for quote

NPK - FERTILIZERS

(POTASSIUM)

Albion

°METALOSATE POTASSIUM

Amino Acid Chelated

Water Soluble for Foliar Applications

3.0% N; 35.0% K (Potash)

Direct Ship Only

-- FOB Mfr, UT / CA --

10+ lb \$16.50 /lb

20+ lb \$15.75 /lb

40+ lb \$15.30 /lb

44 lb bag \$12.80 /lb

220 lb (5 bags) \$12.50 /lb

Larger Quantities - Call for quote

Compass Minerals

°PROTASSIUM+

0-0-50 contains 17% Sulfur

Organic Ag Gran (310 SGN)

Direct Ship Only

-- FOB Mfr, UT / IL --

2000 lb Super Bag Quote /lb

3+ Super Bags Quote /lb

Larger Quantities - Call for quote

Diamond K

°POTASSIUM SULFATE

0-0-50

Water Soluble, Fine Powder

-- FOB EO Warehouse, Texas --

50+ lb (/lb) \$0.93 /lb

250+ lb (/lb) \$0.91 /lb

-- FOB Mfr, UT --

Pallet (50 lb bags) \$0.55 /lb

2000 lb Super Bag \$0.55 /lb

3+ Super Bags \$0.53 /lb

Larger Quantities - Call for quote

Intrepid

OR POTASH

Muriate of Potash 0-0-60

Water Soluble Potassium Chloride

Granular - SGN 290 (2.9 mm)

Direct Ship Only

-- FOB Mfr, UT,IN --

5+ Super Bags Quote /lb

10+ Super Bags Quote /lb

Bulk Truckload Quote /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(POTASSIUM/MAGNESIUM)

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) \$0.44 /lb

3+ Pallets \$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, --**

3+ Super Bags **Quote /lb**

10+ Super Bags **Quote /lb**

Bulk Truckload **Quote /lb**

Larger Quantities - Call for quote

Standard - SGN 105 (1.05 mm)

Direct Ship Only

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

3+ Super Bags **Quote /lb**

10+ Super Bags **Quote /lb**

Bulk Truckload **Quote /lb**

Larger Quantities - Call for quote

Fine Standard - SGN 40 (0.4 mm)

Direct Ship Only

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

3+ Super Bags **Quote /lb**

10+ Super Bags **Quote /lb**

Bulk Truckload **Quote /lb**

Larger Quantities - Call for quote

NPK - FERTILIZERS

(PHOSPHORUS)

Fertoz

◦**ROCK PHOSPHATE**

0-7-0

Calcium Phosphate

**04 - 10 Mesh (Powdered)
Unrefined**

Direct Ship Only

-- **FOB Mfr, MT --**

2000 lb Super Bag **Quote /lb**

3+ Super Bags **Quote /lb**

Larger Quantities - Call for quote

Screened to 30 Mesh (Powdered)

Direct Ship Only

-- **FOB Mfr, MT --**

2000 lb Super Bag **Quote /lb**

3+ Super Bags **Quote /lb**

Larger Quantities - Call for quote

325 Mesh Micronized

Direct Ship Only

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

Pallet (50 lb bags) **Quote /lb**

2000 lb Super Bag **Quote /lb**

3+ Super Bags **Quote /lb**

Larger Quantities - Call for quote

Granular 240 SGN

Direct Ship Only

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

Pallet (50 lb bags) **Quote /lb**

2000 lb Super Bag **Quote /lb**

3+ Super Bags **Quote /lb**

Larger Quantities - Call for quote

Soda Springs

◦**SOFT ROCK PHOSPHATE**

20% Calcium, 20% Phosphate

Prilled using a Molasses Binder

Direct Ship Only

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

Pallet (50 lb bags) **Quote /lb**

2150 lb Super Bag **Quote /lb**

Larger Quantities - Call for quote

Ferti-Organic

◦**ROCK PHOSPHATE**

30% Calcium, 28% Phosphate

One of the highest grade

organic-approved rock phosphate
sources available.

Direct Ship Only

-- **FOB MFR TX --**

250+ lb \$1.45 /lb

1000+ lb \$1.40 /lb

Pallet (50 lb bags) \$1.35 /lb

Larger Quantities - Call for quote

Releasing Phosphorous from the Soil by Microbial Action

*Agricultural soil tests do not
measure "total nutrients" in the
soil. Instead, they measure that
fraction of nutrients which the lab
estimates would be available to
plant roots under
"normal growing conditions".
For Phosphorous, these "normal"
conditions are defined largely by
the pH of the sampled soil. (See
chart on **page 13**)*

(see next page)

(cont from previous page)

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

However, **Phosphorus availability** in the soil can benefit greatly from robust microbial activity due to its intrinsically low availability in "high pH" soils. Many soil microbes are far more aggressive mineral feeders than plant roots and can release minerals normally unavailable to the plant.

JH Biotech

◦**SOLUPHOS SP**

Microbial Inoculant

Phosphate Solubilizing Bacteria

Bacillus licheniformis

Pseudomonas putida

Direct Ship Only

-- FOB Mfr, CA --

20+ lb \$17.25 /lb

100+ lb \$16.00 /lb

Larger Quantities - Call for quote

Soluphos SP (above) is not a phosphorous fertilizer. It is composed of selected **phosphorous solublizing organisms** that can help make both existing and applied soil phosphorous more available to the plant. It is recommended as part of an in-furrow application at planting to **improve P availability** during emergence and early growth.

ADJUVANTS

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

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 \$10.00 /gal

4+ gal \$9.00 /gal

-- FOB Mfr, FL --

4+ gal \$6.25 /gal

20+ gal \$6.00 /gal

80+ gal \$5.75 /gal

Pallet (144 gal) \$5.60 /gal

Larger Quantities - Call for quote

Attune

OR **AMPERSAND**

Spray Adjuvant - Sorbitol, Glycerol, Polysaccharide Gums

Spray adjuvant that employs hydrocolloids to enhance the performance of herbicides, insecticides, and fungicides.

Direct Ship Only

-- FOB Mfr, FL --

48+ gal \$51.00 /gal

96+ gal \$48.35 /gal

192+ gal \$46.70 /gal

576+ (3 pallets) \$45.50 /gal

Larger Quantities - Call for quote

Brandt Organics

◦**AG-AIDE**

Yucca Extract, 100% Yucca

Natural, non-ionic surfactant

Facilitates nutrient & water absorption.

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

17 gal available @ \$50.00 /gal

See Clearance page for more info

-- FOB Mfr, CA / IL --

4+ gal \$136.00 /gal

20+ gal \$132.00 /gal

80+ gal \$125.00 /gal

Pallet (144 gal) \$116.00 /gal

Larger Quantities - Call for quote

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 --

Clearance Pricing on In-Stock Inventory

145 lbs available @ \$1.00 /lb

(5 lb packages)

See Clearance page for more info

-- FOB Mfr, CA / IL --

50+ lb (case) \$1.65 /lb

250+ lb (5 cases) \$1.55 /lb

500+ lb (10 cases) \$1.50 /lb

Pallet (1400 lb) \$1.40 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS

(CONT)

Brandt

OR719 Spreader

Non-Ionic Organosilicone
Penetrant and Wetting Agent

Unique trisiloxane surfactant
and co-polymer formulation.

Designed to prevent quick evaporation
and excessive run-off problems.

-- FOB EO Warehouse, Texas --

Clearance Pricing on In-Stock Inventory

1 gal **\$65.00 /gal**
4+ gal **\$60.00 /gal**

See Clearance page for more info

-- FOB Mfr, CA / IL --

4+ gal \$81.50 /gal
5+ gal \$79.00 /gal
20+ gal \$76.00 /gal
80+ gal \$72.00 /gal
Pallet (180 gal) \$67.00 /gal

Larger Quantities - Call for quote

Brandt

ORSUPER WETTER

Organosilicone Surfactant

Highly concentrated, especially effective
for low-volume spraying.

-- FOB EO Warehouse, Texas --

Clearance Pricing on In-Stock Inventory

1 gal **\$75.00 /gal**
4+ gal **\$70.00 /gal**

See Clearance page for more info

-- FOB Mfr, CA / IL --

4+ gal \$88.50 /gal
20+ gal \$87.50 /gal
80+ gal \$86.50 /gal
Pallet (144 gal) \$82.00 /gal

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, TX --

50+ lb \$4.40 /lb
250+ lb \$4.25 /lb

-- FOB Mfr. Texas --

250+ lb \$4.65 /lb
1000+ lb \$4.20 /lb
Pallet (50 lb bags) \$4.10 /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 \$4.75 /lb

-- FOB Mfr. Texas --

250+ lb \$5.00 /lb
1000+ lb \$4.50 /lb
Pallet (50 lb bags) \$4.40 /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 \$52.00 /gal
5+ gal \$48.00 /gal
20+ gal \$46.50 /gal

-- FOB Mfr. TX --

5+ gal \$47.00 /gal
20+ gal \$46.00 /gal
80+ gal \$43.75 /gal
Pallet (160 gal) \$42.50 /gal
Drum - 55 gal \$43.75 /gal
Drums 4-55 gal \$42.50 /gal

Larger Quantities - Call for quote

Huma

°SOLUBLE HUMIC 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, NM --

Pallet (55 lb bags) \$3.15 /lb

Larger Quantities - Call for quote

JH Biotech

°HUMAX

12% Humic Acid

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse, Texas --

2.5+ gal \$10.00 /gal
5+ gal \$9.50 /gal

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

5+ gal \$8.60 /gal
20+ gal \$8.30 /gal
80+ gal \$8.00 /gal
Pallet (180 gal) \$7.50 /gal

Larger Quantities - Call for quote

Larger Quantities - Call for quote

JH Biotech

°FULMAX

3% Fulvic Acid

For use in the soil or as foliar adjuvant.

Direct Ship Only

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

5+ gal \$15.00 /gal
20+ gal \$14.50 /gal
80+ gal \$14.00 /gal
Pallet (180 gal) \$13.00 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS

(cont)

JH Biotech

°**MIXWELL**

Acidifier-Complexing Agent

Acidifies high pH tank mixes
Helps make fertilizers more compatible
in tank mixes, especially P.

Direct Ship Only

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

5+ gal	\$17.15 /gal
20+ gal	\$16.75 /gal
80+ gal	\$16.00 /gal
Pallet (180 gal)	\$15.00 /gal

Larger Quantities - Call for quote

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	\$22.75 /gal
5+ gal	\$22.00 /gal

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

5+ gal	\$20.00 /gal
20+ gal	\$19.50 /gal
80+ gal	\$18.50 /gal
Pallet (180 gal)	\$17.50 /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	\$54.00 /gal
5+ gal	\$52.50 /gal
20+ gal	\$51.00 /gal

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

20+ gal	\$46.50 /gal
80+ gal	\$43.00 /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

LignoTech USA

°**BORREGRO HA-2**

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

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

Pallet Tank	Quote / gal
1000+ gal (in totes)	Quote / gal

Larger Quantities - Call for quote

NRG

°**POWER K HUMIC ACID**

Soluble Powder

55% Humic, 30% Fulvic

For use in the soil or as foliar adjuvant.

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

Clearance Price on In-Stock Inventory

100 lb available @ \$6.50 /lb
(25 lb buckets)

See Clearance page for more info

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

25+ lb	\$8.70 /lb
50+ lb	\$6.50 /lb
250+ lb	\$6.25 /lb
1000+ lb	\$5.50 /lb
Pallet (50 lb bags)	\$5.30 /lb

Larger Quantities - Call for quote

MINOR ELEMENTS AND TRACE MINERALS

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

Diamond K

°**GYP SUM**

SOLUTION GRADE 97

Calcium Sulfate

Water Soluble Powder; Can be Applied
Through Drip or Pivot

Commonly used for salt mitigation when
using high salt irrigation water.

ALSO SEE PAGE 13 FOR DESCRIPTION OF USE

AS A "SOIL TILTH" TREATMENT

Direct Ship Only

-- **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

°**98G STANDARD**

Pelletized Limestone

98% pure calcitic limestone
Calcium source and pH adjuster

Direct Ship Only

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

Pallet (50 lb bags)	\$0.20 /lb
2000 lb Super Bag	\$0.18 /lb
3+ Super Bags	\$0.17 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS (CONT)

Tiger-Sul or Martin

90% SOIL SULFUR

Pastille Sulfur

Commonly used for soil pH adjustment but also cost effective if sulfur is needed as a nutrient.

SEE PAGE 13 FOR pH ADJUSTMENT DESCRIPTION

-- FOB EO Warehouse, Texas --

50+ (50 lb bags)	\$0.52	/lb
250+ (50 lb bags)	\$0.46	/lb
1000+ (50 lb bags)	\$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

9MAGNESIUM SULFATE

Epsom Salt

Water Soluble Magnesium Source

-- FOB Mfr, TX --

250+ lb	Quote	/lb
1000+ lb	Quote	/lb
Pallet (50 lb bags)	Quote	/lb
3 Pallets (50 lb bags)	Quote	/lb

Larger Quantities - Call for quote

OR COPPER SULFATE

20% Copper

Sprayable Copper Fertilizer

-- FOB EO Warehouse, Texas --

50+ lb	\$2.70	/lb
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-- FOB Mfr, TX --

250+ lb	Quote	/lb
1000+ lb	Quote	/lb
Pallet (50 lb bags)	Quote	/lb

Larger Quantities - Call for quote

Brandt

OR IRON SULFATE

20% Iron

Slowly Water Soluble

Direct Ship Only

-- FOB Mfr, CA --

250+ lb	Quote	/lb
1000+ lb	Quote	/lb
Pallet (50 lb bags)	Quote	/lb

Larger Quantities - Call for quote

OR ZINC SULFATE

+/- 35% Zinc

Granular, Slowly Water Soluble

-- FOB EO Warehouse, Texas --

50+ lb	\$1.35	/lb
250+ lb	\$1.30	/lb

-- FOB Mfr, TX --

250+ lb	Quote	/lb
1000+ lb	Quote	/lb
Pallet (50 lb bags)	Quote	/lb

Larger Quantities - Call for quote

OR MANGANESE SULFATE

+/- 32% Manganese

Granular, Slowly Water Soluble

-- FOB EO Warehouse, Texas --

55+ lb	\$1.15	/lb
275+ lb	\$1.10	/lb

-- FOB Mfr, TX --

275+ lb	Quote	/lb
1100+ lb	Quote	/lb
Pallet (55 lb bags)	Quote	/lb

Larger Quantities - Call for quote

Azomite Minerals

9AZOMITE

Natural volcanic and sedimentary "exotic" trace mineral source.

Granular (For Crops)

Direct Ship Only

-- FOB Mfr, TX --

1100+ lb	\$0.56	/lb
Pallet (44 lb bags)	\$0.48	/lb
3+ Pallets	\$0.40	/lb
10+ Pallets	\$0.39	/lb

Larger Quantities - Call for quote

Micronized (For Crops or Feed)

Fine powder

Direct Ship Only

-- FOB Mfr, TX --

1100+ lb	\$0.50	/lb
Pallet (44 lb bags)	\$0.44	/lb
3+ Pallets	\$0.36	/lb
10+ Pallets	\$0.35	/lb

Larger Quantities - Call for quote

Field Grade (For Crops or Feed)

Grit texture with some powder

Direct Ship Only

-- FOB Mfr, TX --

1100+ lb	\$0.47	/lb
Pallet (44 lb bags)	\$0.42	/lb
3+ Pallets	\$0.34	/lb
10+ Pallets	\$0.33	/lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS (CONT)

U.S. Borax **OR SOLUBOR**

20% Boron

Water Soluble

Note* Caution needed when
applying Boron, especially foliar

See Chelated Boron for foliar applications

Direct Ship Only

-- FOB Mfr, CA / IL --

250+ lb **Quote /lb**

1000+ lb **Quote /lb**

Pallet (50 lb bags) **Quote /lb**

Larger Quantities - Call for quote

U.S. Borax **OR FERTIBOR**

15.0% Boron

Granular, Water Soluble

Suitable for soil application

Direct Ship Only

-- FOB Mfr, CA / IL --

250+ lb **Quote /lb**

1000+ lb **Quote /lb**

Pallet (50 lb bags) **Quote /lb**

Larger Quantities - Call for quote

U.S. Borax **OR GRANUBOR**

15.0% Boron

Granular, Water Soluble

Suitable for soil application

Direct Ship Only

-- FOB Mfr, CA / IL --

250+ lb **Quote /lb**

1000+ lb **Quote /lb**

Pallet (50 lb bags) **Quote /lb**

Larger Quantities - Call for quote

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 \$7.00 /lb

250+ lb \$6.75 /lb

-- FOB Mfr TX --

250+ lb \$7.25 /lb

1000+ lb \$6.50 /lb

Pallet (50 lb bags) \$6.35 /lb

Larger Quantities - Call for quote

JH Biotech **°SEAMAX**

1-0-0.8

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

-- FOB EO Warehouse, Texas --

2.5+ gal \$20.00 /gal

5+ gal \$19.50 /gal

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

5+ gal \$18.50 /gal

20+ gal \$18.00 /gal

80+ gal \$17.25 /gal

Pallet (180 gal) \$16.00 /gal

Larger quantities - Call for quote

Tidal Organics **°KELP MEAL**

Feed supplement,

Animal Health supplement

-- FOB EO Warehouse, Texas --

50+ lb \$3.60 /lb

250+ lb \$3.40 /lb

-- FOB Mfr, TX --

250+ lb \$3.10 /lb

1000+ lb \$2.90 /lb

Pallet (50 lb bags) \$2.50 /lb

Larger Quantities - Call for quote

Certis **AGSIL 25**

Foliar/Soil Available Bionutrient

Liquid Potassium Silicate
100% available source of Silicon and
Potassium. AgSil 25 facilitates the
plant's internal processes and
strengthens its external defenses.

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr, CA / WA --

Drum - 55 gal \$27.00 /gal

220 gal (in drums) \$24.75 /gal

Larger Quantities - Call for quote

Baicor Phyto-Plus **OR 3% MOLYBDENUM**

Derived from Sodium Molybdate

Direct Ship Only

-- FOB Mfr, UT --

5 gal case \$29.00 /gal

20+ gal \$27.00 /gal

180 gal pallet \$25.00 /gal

Larger Quantities - Call for quote

Baicor Phyto-Plus **OR 3% COBALT COMPLEX**

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

Direct Ship Only

-- FOB Mfr, UT --

5 gal case \$31.00 /gal

20+ gal \$29.00 /gal

180 gal pallet \$26.00 /gal

Larger Quantities - Call for quote

NRG **CALCIUM CHELATE**

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

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr, CA --

Pallet Tank **Quote /gal**

1000 gal (in totes) **Quote /gal**

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS -

CHELATED

The Best Life of a Plant?

Plants (like us) 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. We hope that Reproduction and the Immune System aren't far behind!

For a plant to perform to its genetic potential, it needs a continuous, balanced nutrient supply - the better to avoid taxing its limited energy supply.

The utility of Amino Acid chelated micronutrients is that they provide the plant with critical nutrients at a very low energy cost to the plant.

Though only needed in small amounts, micronutrients are critical to plant health. And even if micronutrients are "sufficient" in the soil they are often outcompeted at the root level by the major nutrients.

Q. So what is the most plant-energy efficient way to provide a significant, critical, and timely portion of the micronutrient nutrition needed?

A. Use a high quality chelated form of micronutrient supplied through regular foliar spraying.

See Albion and JH Biotech Amino Acid chelated micronutrients coming up next.

Albion

OR **METALOSATES**

Amino Acid Chelated
Water Soluble Minerals

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

OR **COPPER**

16.0% Copper

OR **MANGANESE**

16.4% Manganese

OR **CALCIUM**

18.3% Calcium

OR **CALCIUM W/BORON**

13.0% Calcium, 5.0% Boron

OR **MAGNESIUM**

3.0% Magnesium

OR **ZINC**

19.3% Zinc

OR **IRON**

15.0% Iron

Pricing for all above products

Direct Ship Only

-- FOB Mfr, UT / CA --

10+ lb	\$16.50 /lb
20+ lb	\$15.75 /lb
40+ lb	\$15.30 /lb
44 lb bag	\$12.80 /lb
220 lb (5 bags)	\$12.50 /lb

Larger Quantities - Call for quote

JH Biotech

OR **BIOMINS**

Amino Acid Chelated
Liquid Minerals

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

OR **BIOMIN CALCIUM** (5.0% Ca)

OR **BIOMIN CAL-BORO**

(5.0% Ca, 1.0% B)

OR **BIOMIN CAL-BORO LIGHT**

(5.0% Ca, 0.5% B)

OR **BIOMIN MAGNESIUM** (3.0% Mg)

OR **BIOMIN IRON** (5.0% Fe)

OR **BIOMIN MANGANESE** (5.0% Mn)

OR **BIOMIN ZINC** (7.0% Zn)

OR **BIOMIN COPPER** (4.0% CU)

OR **BIOMIN BOOSTER 126**

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

OR **BIOMIN BOOSTER 153**

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

Pricing for all above products

-- FOB EO Warehouse, Texas --

2.5+ gal	\$19.00 /gal
5+ gal	\$19.00 /gal

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

5+ gal	\$17.25 /gal
20+ gal	\$16.75 /gal
80+ gal	\$16.25 /gal
Pallet (180 gal)	\$15.25 /gal
Drum - 55 gal	\$15.30 /gal
Pallet Tank	\$15.15 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS -

CHELATED (CONT)

Albion OR METALOSATE 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

Direct Ship Only

-- FOB Mfr, UT / CA --

10+ lb	\$17.00 /lb
20+ lb	\$16.50 /lb
40+ lb	\$16.00 /lb
44 lb bag	\$13.50 /lb
220 lb (5 bags)	\$13.15 /lb

Larger Quantities - Call for quote

Albion OR METALOSATE CROP UP

Amino Acid Chelated
Water Soluble Minerals

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

N/Mg/Cu/Fe/Mn/Zn

Direct Ship Only

-- FOB Mfr, UT / CA --

10+ lb	\$17.00 /lb
20+ lb	\$16.50 /lb
40+ lb	\$16.00 /lb
44 lb bag	\$13.50 /lb
220 lb (5 bags)	\$13.15 /lb

Larger Quantities - Call for quote

JH Biotech OR BIOMIN BORON

3.0% Boron

Amino Acid Chelated
Water Soluble Minerals

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

-- FOB EO Warehouse, Texas --

2.5+ gal	\$17.00 /gal
5+ gal	\$16.50 /gal

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

5+ gal	\$14.25 /gal
20+ gal	\$14.00 /gal
80+ gal	\$13.25 /gal
Pallet (180 gal)	\$12.50 /gal
Drum - 55 gal	\$13.00 /gal
Pallet Tank	\$12.50 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

"BIOSTIMULANTS",

BOTANI-STIMULANTS,

BIOFERTILIZERS,

HORMONES

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

°SOLUBLE 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	\$7.00 /lb
250+ lb	\$6.75 /lb

-- FOB Mfr TX --

250+ lb	\$7.25 /lb
1000+ lb	\$6.50 /lb
Pallet (50 lb bags)	\$6.35 /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	\$20.00 /gal
5+ gal	\$19.50 /gal

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

5+ gal	\$18.50 /gal
20+ gal	\$18.00 /gal
80+ gal	\$17.25 /gal
Pallet (180 gal)	\$16.00 /gal

Larger quantities - Call for quote

Valent

°PRO GIBB LV PLUS

Gibberellic Acid

Contains approximately 2.0 grams active ingredient per fluid ounce of formulated product.

Direct Ship Only

-- FOB Mfr --

2+ gal (case – 4 btls)	\$89.00 /bot
10+ gal (5 cases)	\$87.00 /bot
24+ gal (12 cases)	\$86.00 /bot

Larger Quantities - Call for quote

Ferti-Organic

°FULVIC PLUS

Soluble Powder - 90% Fulvic Acid

Buffers and assists plant nutrient uptake, esp in foliar formulations.

-- FOB EO Warehouse, Texas --

50+ lb	\$4.75 /lb
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-- FOB Mfr TX --

250+ lb	\$5.00 /lb
1000+ lb	\$4.50 /lb
Pallet (50 lb bags)	\$4.40 /lb

Larger Quantities - Call for quote

BIOLOGICALS

Working to release and recycle nutrients in the soil

for the benefit of plant roots, biologicals (living organisms) in the soil are hard at it 24/7 given the right conditions,

These naturally occurring beneficial microbial species

are found just ahead and in the previous catalog sections:

"Soil Amendments" (page 10-11) and

"Seed and Seed Trench Treatments" (pages 14-15).

DPH Biologicals

°SP-1

Microbial Inoculant

Stable liquid microbial formula.

Supplies and stimulates diverse soil microbial life.

Improves soil tilth and health.

Direct Ship Only

-- FOB Mfr, IL --

5+ gal	\$13.50 /gal
20+ gal	\$12.30 /gal
80+ gal	\$12.35 /gal
Pallet Tank	\$8.20 /gal
1000 gal (in totes)	\$7.90 /gal

Larger Quantities - Call for quote

DPH Biologicals

°MVP

Microbial Inoculant

Stable liquid microbial formula.

Supplies and stimulates diverse soil microbial life.

Improves soil tilth and health.

Direct Ship Only

-- FOB Mfr, IL --

5+ gal	\$12.75 /gal
20+ gal	\$12.00 /gal
80+ gal	\$11.50 /gal
Pallet Tank	\$7.50 /gal
1000 gal (in totes)	\$7.25 /gal

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

BIOLOGICALS (cont)

"Mycorrhizae - The Friendly Fungus"

Myco Pro

°MYCORRHIZAE

ENDO FUNGAL SPECIES

Symbiotic with Plant Roots

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

°MYCOPRO AG

5 endo species blend

For dry or liquid application.

Suspendable in water with agitation.

1 pound treats up to 1 acre

Direct Ship Only

-- FOB CA --

20+ lb	\$13.50 /lb
100+ lb	\$13.15 /lb
400+ lb	\$12.75 /lb

°MYCOPRO AG PLUS

5 endo species blend

Concentrated,

Easily suspendable powder.

1 pound treats up to 150 acres

Direct Ship Only

-- FOB CA --

1 lb	\$1285.00 /lb
2 lb	\$1240.00 /lb
4 lb	\$1225.00 /lb
10 lb	\$1200.00 /lb

Mycorrhizal Relationships

Endomycorrhizal Plants:

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.

Ectomycorrhizal Plants:

(See column right)→

5% of Plants—Mainly Conifers &

Oaks—also Pecans

There are also

the +/- 5% of plants that form

Other relationship types or are

"Non-Mycorrhizal" such as

Brassica – Broccoli, Cabbage, etc

Ericaceae – Blueberry, Azalea, etc.

Myco Apply

° MYCORRHIZAE

Symbiotic with Plant Roots

ENDO FUNGAL SPECIES

°GRANULAR ENDO

4 species blend

For soil or media application

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

Direct Ship Only

-- FOB CA --

40+ lb	\$10.00 /lb
200+ lb	\$9.50 /lb
800+ lb	\$9.15 /lb

ENDO-ECTO FUNGAL SPECIES

Products below are appropriate for conifers, oaks pecans, and others.

°ULTRAFINE ENDO / ECTO

4 Endo / 7 Ecto Species

For dry or liquid application.

Suspendable in water with agitation.

Direct Ship Only

-- FOB CA --

20+ lb	\$20.00 /lb
100+ lb	\$19.00 /lb
400+ lb	\$18.00 /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	\$48.00 /lb
4+ lb	\$45.00 /lb
20+ lb	\$44.00 /lb
100+ lb	\$42.35 /lb

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

BIOLOGICALS (cont)

The
NRG Activate Series
of organisms have been shown to
achieve optimal results when
incorporated into a
'rich' soil with readily available
organic food sources,
OR
when they are applied with natural
food sources, such as liquid fish,
humic acids, etc,
And they work especially well when
applied with
**NRG's proprietary
formulated food source:
Wake-Up Organo.**

These **NRG Activate** species
are selected for their individual
characteristics and may be
combined as appropriate to
achieve specific results in a
particular crop and soil setting -
all the while creating synergistic
effects on overall soil health.

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 --

5.3 lb (bucket)	\$35.00 /lb
31.8 lb (bucket)	\$28.50 /lb
159 lb (5 buckets)	\$27.00 /lb
1000+ lb	\$26.25 /lb

Larger Quantities - Call for quote

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	\$13.50 /lb
150+ lb	\$13.15 /lb

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES

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

Agro Logistics

OR **DEBUG ON**

Botanical Fungicide/Miticide

Clarified, Hydrophilic

Extract of Neem Oil

See also Trilogy

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

120 gal available \$20.00 /gal

See Clearance page for more details

-- FOB Mfr --

Pallet (240 gal) Quote /gal

Agro Research

OR **THYME GUARD**

Liquid Fungicide / Bacteriacide

23% Thyme Oil

Broad spectrum - works both on contact and systemically.

Direct Ship Only

-- FOB Mfr, FL --

20+ gal \$87.00 /gal

80+ gal \$85.00 /gal

Pallet (180 gal) \$82.50 /gal

Drum (55 gal) \$82.00 /gal

Drums (4-55 gal) \$78.00 /gal

Larger Quantities - Call for quote

Attune

OR **ENTRAPMENT SP**

Liquid Pesticide

0.15% Xantham Gum

Broad spectrum against small insects -
Unique chemistry creates a "sticky trap" on the plant surface

See also - unique Ampersand adjuvant from Attune in the adjuvant section.

Direct Ship Only

-- FOB Mfr, FL --

48+ gal \$490.00 /gal

96+ gal \$475.00 /gal

192+ gal \$456.00 /gal

576+ (3 pallets) \$441.00 /gal

Larger Quantities - Call for quote

Attune

ENTRAPMENT FV

Liquid Pesticide

0.15% Xantham Gum

Broad spectrum against small insects -
Unique chemistry creates a "sticky trap" on the plant surface

See also - unique Ampersand adjuvant from Attune in the adjuvant section.

Direct Ship Only

-- FOB Mfr, FL --

48+ gal \$401.00 /gal

96+ gal \$387.00 /gal

192+ gal \$372.00 /gal

576+ (3 pallets) \$360.00 /gal

Larger Quantities - Call for quote

Attune

ENTRAPMENT RC

Liquid Pesticide

0.15% Xantham Gum

Broad spectrum against small insects -
Unique chemistry creates a "sticky trap" on the plant surface

See also - unique Ampersand adjuvant from Attune in the adjuvant section.

Direct Ship Only

-- FOB Mfr, FL --

48+ gal \$401.00 /gal

96+ gal \$387.00 /gal

192+ gal \$372.00 /gal

576+ (3 pallets) \$360.00 /gal

Larger Quantities - Call for quote

Bayer

OR **SERENADE ASO**

Bacillus subtilis

strain QST 713

Live Microbial Product

Bacteriacide and Fungicide
labeled for foliar and soil use.

Direct Ship Only

-- FOB Mfr --

5+ gal \$50.00 /gal

20+ gal \$48.75 /gal

80+ gal \$47.50 /gal

Pallet (180 gal) \$46.00 /gal

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

Brandt (Imerys Minerals)

OR **CELITE 610**

Diatomaceous Earth

Broad Spectrum Label

Direct Ship Only

-- **FOB Mfr, Texas --**

Pallet (840+ lb) \$1.51 /lb

3+ Pallets (2520+ lb) \$1.48 /lb

Direct Ship Only

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

Pallet (840+ lb) \$1.43 /lb

3+ Pallets (2520+ lb) \$1.39 /lb

16+ Pallets (13440+ lb) \$1.34 /lb

Brandt

OR **ECOTEC PLUS**

Rosemary and Peppermint Oils

PLUS Geraniol

Broad spectrum insecticide and miticide

Direct Ship Only

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

5+ gal \$120.00 /gal

20+ gal \$115.00 /gal

80+ gal \$109.00 /gal

Pallet (180 gal) \$100.50 /gal

Larger Quantities - Call for quote

Brandt

OR **LIME SULFUR**

Calcium Polysulfide

Fungicide

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

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

Clearance Pricing on In-Stock Inventory

15 gal available

2.5 gal \$11.00 /gal

5+ gal \$10.00 /gal

See Clearance page for more info

Direct Ship Only

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

5+ gal \$12.50 /gal

20+ gal \$12.00 /gal

80+ gal \$11.25 /gal

Pallet (240 gal) \$10.90 /gal

Larger quantities - Call for quote

Brandt

OR **NEMA 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 \$115.00 /gal

10+ gal \$111.00 /gal

20+ gal \$108.00 /gal

80+ gal \$105.00 /gal

Pallet (160 gal) \$96.00 /gal

Larger Quantities - Call for quote

Brandt

OR **TRESOIL**

Mineral Oil for Foliar Use

Fungicide, Insecticide, and Miticide
Reverse emulsion - small droplet size.
Fungicide, Insecticide, and Miticide

Direct Ship Only

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

Pallet Tank (250 gal) **Quote /gal**

3 Pallet Tanks **Quote /gal**

Larger quantities - Call for quote

Brandt

OR **TRI TEK**

Mineral Oil for Foliar Use

Reverse emulsion - small droplet size, excellent spreading characteristics.
Fungicide, Insecticide, and Miticide

Direct Ship Only

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

5+ gal \$18.25 /gal

20+ gal \$17.50 /gal

80+ gal \$17.00 /gal

Pallet (240 gal) \$15.50 /gal

3 Pallets (720 gal) \$15.00 /gal

Larger Quantities - Call for quote

Certis

OR **BOTEGHA ES**

Liquid - Emulsifiable

Beauveria Bassiana

Insecticide - Parasitic Fungus

Keep cool for long term storage.

(Below 68 degrees F)

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

1+ gal \$320.00 /gal

-- **FOB Mfr, CA / WA --**

4+ gal \$300.00 /gal

20+ gal \$290.00 /gal

80+ gal \$273.00 /gal

Pallet (144 gal) \$265.00 /gal

Larger quantities - Call for quote

Certis

OR **CUEVA**

Copper Octoanate (Soap)

Bactericide, Fungicide

Broad spectrum, low burn potential

Low toxicity potential

Direct Ship Only

-- **FOB Mfr, CA / WA --**

5+ gal \$47.00 /gal

20+ gal \$45.70 /gal

80+ gal \$43.00 /gal

Pallet (180 gal) \$41.50 /gal

Larger quantities - Call for quote

Certis

OR **DES-X**

Insecticidal Soap

Direct Ship Only

-- **FOB Mfr, CA / WA --**

5+ gal \$46.00 /gal

20+ gal \$45.00 /gal

80+ gal \$42.25 /gal

Pallet (180 gal) \$41.00 /gal

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

Certis

OR **DOUBLE 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 spray.

Direct Ship Only

-- FOB Mfr, CA / WA --

5+ gal	\$72.50 /gal
20+ gal	\$70.00 /gal
80+ gal	\$67.50 /gal
Pallet (180 gal)	\$66.00 /gal

Larger Quantities - Call for quote

Certis

OR **DOUBLE NICKEL 55**

Bacillus amyloliquefaciens
strain D747 (Dry)

Fungicide/Bacteriacide

See full description above.

Direct Ship Only

-- FOB Mfr, CA / WA --

20+ lb	\$33.00 /lb
100+ lb	\$32.00 /lb
720+ lb	\$31.00 /lb

Larger Quantities - Call for quote

Certis

OR **GEMSTAR**

Insecticidal Virus

Specifically for Corn Earworm

aka Cotton Bollworm, Tomato Fruitworm,
Sorghum Headworm

Store unopened containers in refrigerator
at 39-40 degrees F or keep frozen.

Direct Ship Only

-- FOB Mfr, CA / WA --

5+ gal	\$175.00 /gal
20+ gal	\$169.00 /gal

Larger Quantities - Call for quote

Certis

OR **JAVELIN WG (Bt)**

Bacillus thuringiensis
kurstaki strain

Organically approved for control
of most worm species.

-- FOB EO Warehouse, Texas --

5+ lb	\$16.00 /lb
20+ lb	\$15.00 /lb

-- FOB Mfr, CA / WA --

20+ lb	\$16.75 /lb
100+ lb	\$16.00 /lb
Pallet (720 lb)	\$15.50 /lb

Larger quantities - Call for quote

Certis

OR **LIFEGARD**

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

Direct Ship Only

-- FOB Mfr, CA / WA --

20+ lb	\$138.00 /lb
100+ lb	\$133.00 /lb
200+ lb	\$129.00 /lb

Larger quantities - Call for quote

Certis

OR **MELOCON**

Liquid Nematicide

Biological Nematode Control

Keep cool for long term storage
(Below 68 degrees F)

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

6 bottles available

35 oz bottle \$50.00 /btl

Certis

OR **NEEMIX 4.5**

Insect Growth Regulator

Active Ingredient - Azadirachtin

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

Direct Ship Only

-- FOB Mfr, CA / WA --

6+ qt	\$210.00/qt
30+ qt	\$203.00/qt

Larger quantities - Call for quote

Certis

OR **OSO 5% SC**

Polyoxin D zinc salt

For Control of Fungal Diseases

Direct Ship Only

-- FOB Mfr, CA / WA --

6+ qt	\$176.00/qt
30+ qt	\$170.00/qt

Larger quantities - Call for quote

Certis

OR **PFR 97**

Isaria fumosorosea (Live Product)

Broad spectrum microbial insecticide
for foliar and soil applications.

Store unopened containers in refrigerator
at 39-40 degrees F or keep frozen.

Direct Ship Only

-- FOB Mfr, CA / WA --

20+ lb	\$42.00 /lb
100+ lb	\$41.00 /lb
400+ lb	\$39.00 /lb

Larger quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES,

(CONT)

Certis

OR **SEDUCE**

Insect Bait w/Spinosad

Attracts and kills ants, earwigs, cutworm

Direct Ship Only

-- **FOB Mfr, CA / WA --**

Pallet (40 - 50 lb bags) \$4.50 /lb

Larger quantities - Call for quote

Certis

OR **SIL-MATRIX**

Liquid Potassium Silicate

Fungicide/Miticide/Insecticide

Aids in control of foliar fungal diseases.

Also controls mites and other sucking insect infestations by inhibiting damage through a physical silicon matrix barrier and by causing insect desiccation.

Very pH sensitive

See our website for important usage notes

Direct Ship Only

-- **FOB Mfr, CA / WA --**

5+ gal \$33.50 /gal

20+ gal \$32.50 /gal

80+ gal \$31.00 /gal

Pallet (180 gal) \$29.50 /gal

Larger quantities - Call for quote

Certis

OR **SOILGARD**

Gliocladium virens(Live Product)

Suitable for incorporation into soil or soilless media for control of fungal diseases.

Keep cool for long term storage

(Below 68 degrees F)

Direct Ship Only

-- **FOB Mfr, CA / WA --**

20+ lb \$19.50 /lb

100+ lb \$18.85 /lb

720+ lb \$18.25 /lb

Larger quantities - Call for quote

Certis

OR **TRILOGY**

Botanical Fungicide/Miticide

Clarified, Hydrophylic

Extract of Neem Oil

See also Debug ON

Direct Ship Only

-- **FOB Mfr, CA / WA --**

5+ gal \$59.00 /gal

20+ gal \$57.50 /gal

80+ gal \$55.00 /gal

Pallet (180 gal) \$54.00 /gal

Larger quantities - Call for quote

Corteva

OR **ENTRUST SC**

Spinosad (liquid)

Provides control of worms, thrip, leafminer, psyllid and more

See label and our website for more information.

Direct Ship Only

-- **FOB Mfr Texas --**

12+ qt \$591.00/qt

Larger Quantities - Call for quote

Ferti-Organic

OR **FERTI-NEEM OIL**

Cold Pressed Neem Oil

Insect Growth Regulator

Repellent, Anti Feedant, and Fungicide

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

1 gal \$62.00 /gal

5+ gal \$58.00 /gal

20+ gal \$55.50 /gal

-- **FOB Mfr. TX --**

5+ gal \$56.00 /gal

20+ gal \$54.00 /gal

80+ gal \$52.50 /gal

Pallet (160 gal) \$51.25 /gal

Drum - 55 gal \$52.50 /gal

Drums 4-55 gal \$51.25 /gal

Larger Quantities - Call for quote

JH Biotech

OR **BIOREPEL**

Natural Insect Repellent

Garlic Based Anti-Feedant, Repellent

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

2.5+ gal \$54.00 /gal

5+ gal \$52.00 /gal

20+ gal \$51.00 /gal

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

5+ gal \$48.00 /gal

20+ gal \$46.50 /gal

80+ gal \$45.00 /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

FOSPHITE

Systemic fungicide / Growth promoter

NOT ALLOWED FOR ORGANIC

Direct Ship Only

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

5+ gal \$26.50 /gal

20+ gal \$25.75 /gal

80+ gal \$24.75 /gal

Pallet (180 gal) \$23.00 /gal

Larger quantities - Call for quote

JH Biotech

OR **PEST OUT**

Pest Spray Oil

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

Direct Ship Only

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

1+ qts \$12.00 /qt

5+ gal \$59.00 /gal

20+ gal \$57.00 /gal

80+ gal \$55.00 /gal

Pallet (180 gal) \$53.00 /gal

Larger quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

KeyPlex

OR **KEYPLEX 350 OR**

Yeast Hydrolysate from
Saccharomyces cerevisiae
Fungicide
Aids in the prevention of certain plant diseases such as post-bloom fruit drop, greasy spot diseases of citrus, and bacterial leaf spot of tomatoes. Elicits production of defensive proteins in certain plants. See Label.

Direct Ship Only
-- FOB Mfr, FL --

5+ gal	\$37.75 /gal
20+ gal	\$36.25 /gal
80+ gal	\$35.50 /gal
Pallet (180 gal)	\$34.50 /gal

Larger Quantities - Call for quote

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 to mate.

*Some examples of Essential Oil pest control products we carry are **Sporan, AWP, Ecotec Plus, Thyme Guard, Biorepel, and Pest Out.***

KeyPlex OR **AWP**

Thyme, Cinnamon, Rosemary, and Sesame Oils PLUS Geraniol
Broad spectrum insecticide and miticide

Direct Ship Only
-- FOB Mfr, FL --

5+ gal	\$152.00 /gal
20+ gal	\$146.00 /gal
80+ gal	\$142.00 /gal
Pallet (180 gal)	\$139.00 /gal

Larger Quantities - Call for quote

KeyPlex OR **SPORAN EC²**

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 --

Clearance Price on In-Stock Inventory

4 gal available

1 gal \$90.00 /gal

-- FOB Mfr, FL --

4+ gal	\$117.00 /gal
20+ gal	\$112.50 /gal
80+ gal	\$110.00 /gal
Pallet (144 gal)	\$107.00 /gal

Larger Quantities - Call for quote

Marrone Bio Innovations OR **REGALIA**

Reynoutria sachalinensis
Broad Spectrum BioFungicide
Plant extract. Boosts the plants' defense mechanisms to protect against certain fungal and bacterial diseases, and to improve plant health.

Direct Ship Only
-- FOB Mfr --

5+ gal	\$85.00 /gal
20+ gal	\$83.00 /gal
80+ gal	\$78.00 /gal
Pallet (144 gal)	\$75.00 /gal

Larger Quantities - Call for quote

Novozymes BioAg OR **ACTINOVATE AG**

Biological Fungicide and Bactericide
Streptomyces lydicus strain WYEC 108
Broad spectrum activity on foliar and soil diseases in a wide variety of crops.

Direct Ship Only
-- FOB Mfr --

216+ oz	
(12 - 18 oz bags)	\$6.00 /oz
20+ lb 5 lb bags	\$90.00 /lb
60+ lb 5 lb bags	\$87.35 /lb
200+ lb 5 lb bags	\$84.35 /lb

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)	\$0.60 /lb
13+ Pallets	\$0.40 /lb
Van Truckload	\$0.36 /lb

Larger Quantities - Call for quote

Perma-Guard **FIRE ANT** **INSECTICIDE D-20**

Diatomaceous Earth w/Pyrethrins and (PBO)

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

NOT ALLOWED FOR ORGANIC

Direct Ship Only
-- FOB Mfr, TX --

150+ lb	\$6.80 /lb
750+ lb	\$6.40 /lb
Pallet (30 lb bags)	\$6.20 /lb

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

United Phosphorus, Inc
OR **MICROTHIOL DISPERSS**

Micronized Wettable Sulfur
Fungicide, Miticide

Water Dispersible Granule

Direct Ship Only

-- FOB Mfr --

240+ lb	Quote /lb
960+ lb	Quote /lb
Pallet (1890 lb)	Quote /lb
5 Pallet (9450 lb)	Quote /lb

Larger Quantities - Call for quote

Valent

OR **AZERA**

Dual Mode of Action

Azadirachtin and Pyrethrins

Kills on contact and/or by ingestion.

Direct Ship Only

-- FOB Mfr --

4+ gal	\$290.00 /gal
20+ gal	\$285.00 /gal

Larger quantities - Call for quote

Valent

OR **DIPEL DF (Bt)**

Bacillus thuringensis
kurstaki strain ABTS-351

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

-- FOB EO Warehouse, Texas --

5+ lb	\$16.00 /lb
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-- FOB Mfr --

30+ lb	\$15.60 /lb
150+ lb	\$15.00 /lb
Pallet (630 lb)	\$14.25 /lb

Larger Quantities - Call for quote

Valent

OR **XENTARI (Bt)**

Bacillus thuringensis

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	\$18.00 /lb
30+ lb	\$17.00 /lb

-- FOB Mfr --

30+ lb	\$20.00 /lb
150+ lb	\$19.25 /lb
Pallet (630 lb)	\$18.25 /lb

Larger Quantities - Call for quote

Valent

OR **PYGANIC 1.4%**

Broad Spectrum

Contact Insecticide

Derived from Chrysanthemums.

pH sensitive

See our website for important usage notes

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

7 gal available @ \$125.00 /gal

-- FOB Mfr --

4+ gal	\$206.00 /gal
20+ gal	\$203.50 /gal
80+ gal	\$201.50 /gal
Pallet (144 gal)	\$199.00 /gal

Larger Quantities - Call for quote

Valent

OR **PYGANIC 5.0%**

Broad Spectrum

Contact Insecticide

Derived from Chrysanthemums.

pH sensitive

See our website for important usage notes

Direct Ship Only

-- FOB Mfr --

2+ gal	\$620.00 /gal
6+ gal	\$612.00 /gal
20+ gal	\$600.00 /gal

Larger Quantities - Call for quote

PESTS AND DISEASES,

H2O2/PAA

The products in this category
(see next 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 slow/stop fungal and
bacterial disease leaf infections in a
matter of hours. A very desirable
product to have in the toolkit!
However, the organisms killed on the
plants include beneficial microbes that
normally live on healthy
leaves and stems.

For that reason - as part of an
"IMM"

(Integrated Microbe Management)
program.

We strongly recommend that within a
day (or same day) of using these
products in the field, a foliar
application of beneficial microbes and
natural food sources be made to the
plant.

This foliar application of beneficial
microbes and/or food sources will help
to quickly restore one of the major
natural defense mechanisms of the
plant - a layer of highly competitive
beneficial organisms on the plant
surface.

see next page for products

Plant Protection

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

PESTS AND DISEASES,

H2O2/PAA (CONT)

Biosafe

OR **OXIDATE 5.0**

H2O2 and PAA

Field Label - Contact Kill

(see **Water Treatments** for much higher PAA concentrations)

Broad Spectrum Activity Against a Wide Range of Plant Pathogens,

Note: Earthwise advises growers to repopulate plant surfaces with beneficial microbes asap after treatment with Peroxide/PAA products.

Direct Ship Only

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

5+ gal	\$37.00 /gal
Drum - 30 gal	\$33.50 /gal
Drum - 55 gal	\$31.75 /gal
Drums 4-55 gal	\$30.00 /gal
Pallet Tank	\$27.50 /gal

Larger quantities - Call for quote

Brandt

OR **PERAGREEN 5.6%**

H2O2 and PAA

Field and Processing Label

(see **Water Treatments** for much higher PAA concentrations)

Broad Spectrum Activity Against a Wide Range of Plant Pathogens.

Note: Earthwise advises growers to repopulate plant surfaces with beneficial microbes soon after treatment with Peroxide/PAA products.

Direct Ship Only

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

4.75 gal	\$27.00 /gal
Drum – 28.88 gal	\$21.50 /gal
Drum - 54 gal	\$20.25 /gal
Drums 4-54 gal	\$19.00 /gal
Pallet Tank	\$18.00 /gal

Larger Quantities - Call for quote

Hydrogen Peroxide and Peroxyacetic Acid quite a pair!

This combination is powerful enough to be the preferred sterilizer for medical equipment and hospital surfaces.

These useful and versatile products are often used for post harvest sanitation of vegetables and fruit.

These and other similar chemistries are also used for cleaning equipment in the packing shed and for cleaning reusable field packaging, such as plastic boxes and bins.

*You can find these and more concentrated versions of the same products in the **Post Harvest** and **Water Treatments** sections coming right up!*

Jet Harvest Solutions

°**JET AG - 5%**

Field and Processing Label

(see **Water Treatments** for much higher PAA concentrations)

Broad Spectrum Activity Against a Wide Range of Plant Pathogens.

Note: Earthwise advises growers to repopulate plant surfaces with beneficial microbes soon after treatment with Peroxide/PAA products.

Direct Ship Only

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

Drums 5-30 gal	\$20.25 /gal
Drums 4-55 gal	\$18.50 /gal
Pallet Tank	\$18.50 /gal

Larger Quantities - Call for quote

WEED CONTROL

JH Biotech

OR **WEED ZAP**

Cinnamon Oil-Based

Non-selective herbicide

Direct Ship Only

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

5+ gal	\$66.50 /gal
20+ gal	\$64.50 /gal
80+ gal	\$62.00 /gal
Pallet (180 gal)	\$60.00 /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/ CA --**

Drums 4-55 gal	Quote /gal
Bulk Truckload (5600 gal)	Quote /gal

Larger Quantities - Call for quote

Certis

OR **HOME PLATE**

Fast Acting, Kills within Hours.

Contact Spray to Burndown Weeds.

-- **FOB Mfr, CA / WA --**

20+ gal	\$72.00 /gal
80+ gal	\$70.00 /gal
Pallet (180 gal)	\$67.00 /gal

Larger Quantities - Call for quote

Agro Research

WEED SLAYER - KITT

Liquid Essential Oil Herbicide

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

Clove oil extracts (eugenol).

NOT ALLOWED FOR ORGANIC

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

Clearance Price on In-Stock Inventory

2 qt KITT
9 KITTs available @ \$25.00 /qt

5 gal KITT
10 KITTs available @ \$45.00 /gal
See Clearance page for more info

Plant Protection

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

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.

Direct Ship Only

-- FOB Mfr, CA --

Pallet (1750 lb) **Quote /lb**
Larger Quantities - Call for quote

Certis

AGSIL 25

Foliar/Soil Available Bionutrient

Liquid Potassium Silicate providing the plant a 100% available source of Silicon and Potassium that are essential for optimum plant growth and health. Potassium Silicate facilitates the plant's internal processes and strengthens its external defenses.

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr, CA / WA --

Drum - 55 gal \$27.00 /gal
220 gal (in drums) \$24.75 /gal
Larger Quantities - Call for quote

ADJUVANTS

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

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 \$10.00 /gal
4+ gal \$9.00 /gal

-- FOB Mfr, FL --

4+ gal \$6.25 /gal
20+ gal \$6.00 /gal
80+ gal \$5.75 /gal
Pallet (144 gal) \$5.60 /gal

Larger Quantities - Call for quote

Attune

OR AMPERSAND

Spray Adjuvant - Sorbitol, Glycerol, Polysaccharide Gums

Spray adjuvant that employs hydrocolloids to enhance the performance of herbicides, insecticides, and fungicides.

Direct Ship Only

-- FOB Mfr, FL --

48+ gal \$51.00 /gal
96+ gal \$48.35 /gal
192+ gal \$46.70 /gal
576+ (3 pallets) \$45.50 /gal

Larger Quantities - Call for quote

Brandt Organics

°AG-AIDE

Yucca Extract, 100% Yucca

Natural, non-ionic surfactant

Facilitates nutrient & water absorption.

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

17 gal available @ \$50.00 /gal
See Clearance page for more info

-- FOB Mfr, CA / IL --

4+ gal \$136.00 /gal
20+ gal \$132.00 /gal
80+ gal \$125.00 /gal
Pallet (144 gal) \$116.00 /gal

Larger Quantities - Call for quote

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 --

Clearance Pricing on In-Stock Inventory

145 lbs available @ \$1.00 /lb
(5 lb packages)

See Clearance page for more info

-- FOB Mfr, CA / IL --

50+ lb (case) \$1.65 /lb
250+ lb (5 cases) \$1.55 /lb
500+ lb (10 cases) \$1.50 /lb
Pallet (1400 lb) \$1.40 /lb

Larger Quantities - Call for quote

Plant Protection

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

ADJUVANTS

(CONT)

Brandt

OR **719 Spreader**

Non-Ionic Organosilicone
Penetrant and Wetting Agent

Unique trisiloxane surfactant
and co-polymer formulation.

Designed to prevent quick evaporation
and excessive run-off problems.

-- FOB EO Warehouse, Texas --

Clearance Pricing on In-Stock Inventory

1 gal	\$65.00 /gal
4+ gal	\$60.00 /gal

-- FOB Mfr, CA / IL --

4+ gal	\$81.50 /gal
5+ gal	\$79.00 /gal
20+ gal	\$76.00 /gal
80+ gal	\$72.00 /gal
Pallet (180 gal)	\$67.00 /gal

Larger Quantities - Call for quote

Brandt

OR **SUPER WETTER**

Organosilicone Surfactant

Highly concentrated, especially effective
for low-volume spraying.

-- FOB EO Warehouse, Texas --

Clearance Pricing on In-Stock Inventory

1 gal	\$75.00 /gal
4+ gal	\$70.00 /gal

-- FOB Mfr, CA / IL --

4+ gal	\$88.50 /gal
20+ gal	\$87.50 /gal
80+ gal	\$86.50 /gal
Pallet (144 gal)	\$82.00 /gal

Larger Quantities - Call for quote

Ferti-Organic

o**SOLUBLE HUMIC ACID**

Soluble Powder

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

-- FOB EO Warehouse, Texas --

50+ lb	\$4.40 /lb
250+ lb	\$4.20 /lb

-- FOB Mfr. Texas --

250+ lb	\$4.65 /lb
1000+ lb	\$4.20 /lb
Pallet (50 lb bags)	\$4.10 /lb

Larger Quantities - Call for quote

Ferti-Organic

o**FULVIC PLUS**

Soluble Powder

90% Fulvic Acid

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

-- FOB EO Warehouse, Texas --

50+ lb	\$4.75 /lb
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-- FOB Mfr. Texas --

250+ lb	\$5.00 /lb
1000+ lb	\$4.50 /lb
Pallet (50 lb bags)	\$4.40 /lb

Larger Quantities - Call for quote

Ferti-Organic

o**KARANJA OIL**

Cold Pressed Karanja Oil

Adjuvant - Improves Efficacy of
Neem Oil and other Pesticides.

-- FOB EO Warehouse, Texas --

1 gal	\$52.00 /gal
5+ gal	\$48.00 /gal
20+ gal	\$46.50 /gal

-- FOB Mfr. Texas --

5+ gal	\$47.00 /gal
20+ gal	\$46.00 /gal
80+ gal	\$43.75 /gal
Pallet (160 gal)	\$42.50 /gal
Drum - 55 gal	\$43.75 /gal
Drums 4-55 gal	\$42.50 /gal

Larger Quantities - Call for quote

Huma

o**SOLUBLE HUMIC 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)	\$3.15 /lb
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Larger Quantities - Call for quote

JH Biotech

o**HUMAX**

12% Humic Acid

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse, Texas --

2.5+ gal	\$10.00 /gal
5+ gal	\$9.50 /gal

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

5+ gal	\$8.60 /gal
20+ gal	\$8.30 /gal
80+ gal	\$8.00 /gal
Pallet (180 gal)	\$7.50 /gal

Larger Quantities - Call for quote

JH Biotech

o**FULMAX**

3% Fulvic Acid

For use in the soil or as foliar adjuvant.

Direct Ship Only

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

5+ gal	\$15.00 /gal
20+ gal	\$14.50 /gal
80+ gal	\$14.00 /gal
Pallet (180 gal)	\$13.00 /gal

Larger Quantities - Call for quote

Plant Protection

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

ADJUVANTS

(cont)

JH Biotech

°MIXWELL

Acidifier-Complexing Agent

Acidifies high pH tank mixes
Helps make fertilizers more compatible
in tank mixes, especially P.

Direct Ship Only

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

5+ gal	\$17.15 /gal
20+ gal	\$16.75 /gal
80+ gal	\$16.00 /gal
Pallet (180 gal)	\$15.00 /gal

Larger Quantities - Call for quote

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	\$22.75 /gal
5+ gal	\$22.00 /gal

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

5+ gal	\$20.00 /gal
20+ gal	\$19.50 /gal
80+ gal	\$18.50 /gal
Pallet (180 gal)	\$17.50 /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	\$54.00 /gal
5+ gal	\$52.50 /gal
20+ gal	\$51.00 /gal

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

20+ gal	\$46.50 /gal
80+ gal	\$43.00 /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

LignoTech USA

°BORREGRO HA-2

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr, WI --

Pallet Tank	Quote / gal
1000+ gal (in totes)	Quote / gal

Larger Quantities - Call for quote

NRG

°POWER K HUMIC ACID

Soluble Powder

55% Humic, 30% Fulvic

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

100 lb available @ \$6.50 /lb
(25 lb buckets)

See Clearance page for more info

-- FOB Mfr, CA --

25+ lb	\$8.70 /lb
50+ lb	\$6.50 /lb
250+ lb	\$6.25 /lb
1000+ lb	\$5.50 /lb
Pallet (50 lb bags)	\$5.30 /lb

Larger Quantities - Call for quote

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 in this category 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 and Process Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms.

Direct Ship Only
-- FOB Mfr, CT --

5 gal	\$37.00 /gal
Drum - 30 gal	\$33.50 /gal
Drum - 55 gal	\$31.75 /gal
Drums 4-55 gal	\$30.00 /gal
Pallet Tank	\$27.50 /gal

Larger Quantities - Call for quote

Brandt

OR **PERAGREEN 5.6%**

Field, Post Harvest and Process Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against plant pathogens and food spoilage organisms.

Direct Ship Only

-- FOB Mfr, CA / IL --

4.75 gal	\$27.00 /gal
Drum – 28.88 gal	\$21.50 /gal
Drum - 54 gal	\$20.25 /gal
Drums 4-54 gal	\$19.00 /gal
Pallet Tank	\$18.00 /gal

Larger Quantities - Call for quote

Brandt

OR **PERAGREEN 15%**

Post Harvest and Process Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

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

Direct Ship Only

-- FOB Mfr, CA / IL --

Drum – 28.88 gal	\$23.00 /gal
Drum - 54 gal	\$21.75 /gal
Drums 4-54 gal	\$20.50 /gal
Pallet Tank	\$19.25 /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, --

Drums 5-30 gal	\$20.25 /gal
Drums 4-55 gal	\$18.50 /gal
Pallet Tank	\$18.50 /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, --

Drums 5-30 gal	\$21.25 /gal
Drums 4-55 gal	\$19.50 /gal
Pallet Tank	\$19.50 /gal

Larger Quantities - Call for quote

Water Treatments

Surfactants, Wetting Agents, Disinfectants, Equipment Cleaners and more

IRRIGATION AIDS

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 and foliar spray efficiencies, resulting in dramatic improvements to crop yield and quality.

Diamond K ◦GYPSUM **SOLUTION GRADE 97**

Calcium Sulfate

Water soluble powder; can be applied through drip or pivot to improve irrigation water and soil/root environments.

Direct Ship Only
-- 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

OR **99.5% ELEMENTAL SULFUR**

Pastille Sulfur

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

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	\$12.50 /gal
Drum - 55 gal	\$11.50 /gal
Drums 4-55 gal	\$10.75 /gal
Pallet Tank	\$8.00 /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

Clearance Pricing on In-Stock Inventory

100 gal available @ \$20.00 /gal

See Clearance page for more info

-- FOB Mfr, UT --

Pallet (180 gal)	\$40.75 /gal
Pallet Tank	\$38.60 /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	\$22.75 /gal
5+ gal	\$22.00 /gal

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

20+ gal	\$19.50 /gal
80+ gal	\$18.50 /gal
Pallet (180 gal)	\$17.50 /gal

Larger Quantities - Call for quote

Mizkan

◦**12% VINEGAR**

◦**15% 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

Livestock Feed & Supplements

LIVESTOCK

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	\$0.35 /lb
250+ lb	\$0.33 /lb
1000+ lb	\$0.31 /lb
2000+ lb	\$0.30 /lb

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.13 /lb
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Larger Quantities - Call for quote

Redmond

°NATURAL MINERAL SALT BLOCKS

Trace mineral source for livestock –
In hard block form - over 50 minerals.

-- FOB EO Warehouse, Texas --

44+ lb (44 lb blocks)	\$0.44 /lb
220+ lb (44 lb blocks)	\$0.42 /lb
1100+ (44 lb blocks)	\$0.41 /lb

-- FOB Mfr, UT --

Pallet (44 lb blocks)	\$0.14 /lb
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Larger Quantities - Call for quote

Redmond

OR ANTI-CAKING AGENT (aka CONDITIONER)

Colloidal, "exotic" trace mineral source
for livestock

For Livestock - Restricted to amount
needed for adequate nutrition

Direct Ship Only

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.18 /lb
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Larger Quantities - Call for quote

Azomite Minerals

OR 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

Direct Ship Only

-- FOB Mfr, TX --

1100+ lb	\$0.47 /lb
Pallet (44 lb bags)	\$0.42 /lb
3+ pallets (6600+ lb)	\$0.34 /lb
10+ pallets (22000+ lb)	\$0.33 /lb

Larger Quantities - Call for quote

Perma-Guard

OR 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	\$0.74 /lb
250+ lb	\$0.74 /lb

-- FOB Mfr, TX --

250+ lb	\$0.74 /lb
1000+ lb	\$0.69 /lb
Pallet (50 lb bags)	\$0.64 /lb

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.51 /lb
13+ Pallets	\$0.32 /lb
Van Truckload	\$0.28 /lb

Larger Quantities - Call for quote

Tidal Organics

°KELP MEAL

Feed supplement,
Animal Health supplement

-- FOB EO Warehouse, Texas --

50+ lb	\$3.60 /lb
250+ lb	\$3.40 /lb

-- FOB Mfr, TX --

250+ lb	\$3.10 /lb
1000+ lb	\$2.90 /lb
Pallet (50 lb bags)	\$2.50 /lb

Larger Quantities - Call for quote

Livestock Feed & Supplements

LIVESTOCK (CONT)

Wick's Livestock Nutrition

°ORGANIC APPLE CIDER VINEGAR 6% (60 grain)

Organic

Raw, unfiltered apple cider,
Animal health supplement.

Direct Ship Only

-- FOB Mfr, NE --

Drum - (55 gal)	Quote /gal
Drums (4-55 gal)	Quote /gal
Pallet Tank (275 gal)	Quote /gal

Larger Quantities - Call for quote

Wick's Livestock Nutrition

APPLE CIDER VINEGAR 6% (60 grain)

Conventional

Raw, unfiltered apple cider,
Animal health supplement.

(Allowed for Grassfed)

Direct Ship Only

-- FOB Mfr, NE --

Drum - (55 gal)	\$5.15 /gal
Drums (4-55 gal)	\$4.85 /gal
Pallet Tank (275 gal)	\$4.60 /gal

Larger Quantities - Call for quote

Apple Cider Vinegar

has long been used as a digestive aid and general health tonic. It can be supplemented in animal feed and water as a health promoter or as a way to increase feed and hay palatability. It can also be used in a "stand alone" feed wheel or lick tank. Our Apple Cider Vinegar comes with "the mother"

Apple Cider Vinegar

"with the "Mother"



Good for cattle!
That's no Bull!

Kerry

°FLEISCHMANN'S ORGANIC APPLE CIDER VINEGAR 6% (60 grain)

Organic

Raw, unfiltered apple cider,
Animal health supplement.

Direct Ship Only

-- FOB Mfr, NY --

Drums (4-55 gal)	Quote /gal
Pallet Tank (275 gal)	Quote /gal
Bulk Truck (5500 gal)	Quote /gal

Larger Quantities - Call for quote

Kerry

FLEISCHMANN'S APPLE CIDER VINEGAR 6% (60 grain)

Conventional

Raw, unfiltered apple cider,
Animal health supplement.

(Allowed for Grassfed)

Direct Ship Only

-- FOB Mfr, NY --

Drums (4-55 gal)	Quote /gal
Pallet Tank (275 gal)	Quote /gal
Bulk Truck (5500 gal)	Quote /gal

Larger Quantities - Call for quote

Miscellaneous

EQUIPMENT

Mazzei Venturi

Injectors

Venturi Injector for
Commercial Agriculture

Call to learn more

Diamond K

Gypsum Applicators

Simple, trouble free technology
to apply gypsum and other slowly
soluble minerals through your
irrigation system.

Call to learn more

Garden Moisture Meters

Simple and inexpensive meters
that indicate immediately
whether the garden soil is wet,
moist, or dry

Call to learn more

HARD TO CLASSIFY

◦**EARTHWORM CASTINGS**

Clearance Pricing on In-Stock Inventory

-- FOB EO Warehouse, Texas --

8 bags available @ \$0.90 /lb

See Clearance page for more info

-- FOB Mfr, TX --

Pallet (25 lb bags) \$0.71 /lb

Super Bag (+/- 1400 lb) \$0.49 /lb

Tidal Organics

◦**KELP MEAL**

Feed supplement,
Animal Health supplement

-- FOB EO Warehouse, Texas --

50+ lb \$3.60 /lb

250+ lb \$3.40 /lb

-- FOB Mfr, TX --

250+ lb \$3.10 /lb

1000+ lb \$2.90 /lb

Pallet (50 lb bags) \$2.50 /lb

Larger Quantities - Call for quote

Westway

◦**MOLASSES**

Soil Energy Amendment

Molasses can be used to stimulate soil
microbial life. Also be used as a foliar or
soil amendment in higher amounts to
slow the growth of the plant temporarily
by tying up excess nitrogen.

1 ton of molasses = about 170 gallons

Not allowed for
Organic Animal Supplement

Direct Ship Only

-- FOB Mfr, TX, TN, CA, AZ etc --

1/2 Bulk Truckload **Quote /ton**

Bulk Truckload **Quote /ton**

Larger Quantities - Call for quote

JH Biotech

◦**BIOACT SD**

Fungal Decay Organisms
stubble digester that accelerates
the degrading process of field
stubble and crop residue

See also page 10 Usage Rates 1-2 lbs

Direct Ship Only

-- FOB Mfr, IL --

20+ lb \$17.00 /lb

60+ lb \$16.00 /lb

120+ lb \$15.50 /lb

480+ lb \$14.60 /lb

Larger Quantities - Call for quote

DPH Biologicals

◦**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.

See also page 10 Usage Rates 1-3 oz

Direct Ship Only

-- FOB Mfr, IL --

1+ lb \$125.00 /lb

5+ lb \$115.00 /lb

10+ lb \$106.00 /lb

30+ lb \$101.00 /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.

-- FOB EO Warehouse, Texas --

50+ lb clearance/in stock \$2.00 /lb

-- FOB Mfr, TX --

250+ lb \$3.50 /lb

1000+ lb \$3.25 /lb

Pallet (50 lb bags) \$3.00 /lb

Larger Quantities - Call for quote