

Earthwise Organics, Inc.

AGRICULTURE PRODUCT LIST – October 2023

To Our Customers:

Fall has officially arrived! Harvest is in full swing for most of the country, while in the southernmost states the first round of winter crops are almost fully planted. And with every passing season the organic/biological/sustainable sector of agriculture is trending more mainstream. "Natural Growing" is becoming the default rather than the exception for farms, greenhouses, hydroponics, nurseries and even landscaping.

After all these years. Earthwise still serves sustainable growers of all sizes and categories - from row crops to vegetables and beyond! As we have been saying for a long time now: **"We specialize in everything from Alfalfa to Zucchini."**

As costs continue to rise for all of agriculture, using products wisely and systematically has never been more important. Synergy continues to be 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.

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.

At Earthwise, we represent about 50 manufacturers and a *very* wide variety of products as seen in this catalog! Our willingness to stock a large variety of products allows us to **respond quickly** to the needs of customers of any size, which is always helpful for growers - but *especially important* when it comes to plant protection. We can usually ship same day when the need is there. Smaller growers can order a few bags and jugs of various products and combine them on a pallet for a significant savings in product and shipping costs. For larger growers our varied product line and expanded "direct ship" options are an important **money and time saver**. And with our customer base spread across the US, our additional shipping options help with product costs, freight costs, and just as importantly - transit times.

Note that 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.

And remember that all of our products are also searchable on our **website**. **The search box for our website is at the far right of the main menu line on each page.**

And you don't want to neglect the **Clearance Page** 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 very positive change has been the amount of general and detailed information we can provide to our customers through our website. This has opened up lots of new possibilities for communication with *you*, our customer. You have the option to access our expertise and pricing at a time and place most convenient for you. But it is also true that there are many times when a text, email or phone call is the best way to get things done - we are always available for those conversations as well.

We would like to thank all our customers for the opportunity to compete for your business. These first 25 years have been challenging, informative and rewarding, who knows what the next 25 will bring?

Thomas Harr, President

Important note about our catalog and the NOP rules!

Products in the catalog with a superscript ^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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Company	Pkg Size	Qty Available	List Price	Clearance Price	Unit
Agro Logistics					
Debug ON <i>Direct ship only (after current stock sold)</i>	2.5 gal jug	155 gal	\$43.50	\$35.00	/gal
Agro Research					
Thyme Guard <i>Direct ship only (after current stock sold)</i>	1 gal jug	10 gal	\$112.00	\$80.00	/gal
Weed Slayer KITT <i>Direct ship only (after current stock sold)</i>	2 qt KITT	9 KITTS	\$65.00	\$40.00	/qt
	2 gal KITT	4 KITTS	\$105.00	\$75.00	/gal
	5 gal KITT	14 KITTS	\$100.00	\$65.00	/gal
Albion					
N-P-K Liquid (not organic) <i>Direct ship only (after current stock sold)</i>	2.5 gal jug	20 gal	\$41.00	\$20.00	/gal
Brandt/Monterey					
Ag Aide <i>Direct ship only (after current stock sold)</i>	1 gal jug	26 gal	\$115.00	\$75.00	/gal
CMR Adjuvant Cottonseed Oil <i>Discontinued by manufacturer</i>	2.5 gal jug	5 gal	\$16.00	\$5.00	/gal
SKH Sticker <i>Direct ship only (after current stock sold)</i>	5 lb bag	155 lb	\$5.10	\$4.00	/lb
Tri Tek Oil <i>Direct ship only (after current stock sold)</i>	2.5 gal jug	130 gal	\$20.00	\$12.00	/gal
Certis					
Carb-O-Nator <i>Discontinued by manufacturer</i>	5 lb bag	60 lb	\$10.00	\$5.00	/lb
GemStar LC <i>Quarts discontinued by manufacturer</i>	1 qt jug	9 qt	\$70.00	\$40.00	/qt
MeloCon LC <i>Overstock Direct ship only (after current stock sold)</i>	35 oz. jug	11 jugs	\$305.00	\$250.00	/jug

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Clearance Items

Company	Pkg Size	Qty Available	List Price	Clearance Price	Unit
Diamond K					
Aqua Drive <i>Direct ship only (after current stock sold)</i>	2.5 gal jug	105 gal	\$43.50	\$30.00	/gal
DPH Biologicals					
Pillar Liquid Micronutrient <i>Direct ship only (after current stock sold)</i>	275 gal tote	275 gal	\$7.50	\$2.50	/gal
International Sulfur					
Yellow Jacket Flowable Sulfur <i>Direct ship only (after current stock sold)</i>	2.5 gal jug	2.5 gal	\$14.50	\$6.00	/gal
JH Biotech					
Fosphite <i>Direct ship only (after current stock sold)</i>	1 gal jug	6 gal	\$30.00	\$15.00	/gal
	2.5 gal jug	20 gal	\$30.00	\$15.00	/gal
Natural Resources Group					
Power K Humic Acid <i>Direct ship only (after current stock sold)</i>	25 lb bucket	100 lb	\$8.00	\$6.50	/lb
Sipcam Advan					
Cocoon <i>Direct ship only (after current stock sold)</i>	25 lb bag	900 lb	\$1.20	\$0.50	/lb
Valent					
Dipel <i>1 lb packaging no longer offered (after current stock sold)</i>	1 lb pkg	10 pkg	\$18.75	\$12.00	/lb
Pyganic 1.4% <i>Overstock – clearance price on current stock</i>	1 gal	12 gal	\$202.50	\$165.00	/gal

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
1000+ lb	\$4.05 /lb
Pallet (50 lb bags)	\$3.80 /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
250+ lb	\$4.60 /lb
1000+ lb	\$4.40 /lb
Pallet (50 lb bags)	\$4.15 /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 --

20+ gal	\$16.00 /gal
80+ gal	\$15.00 /gal
Pallet (180 gal)	\$13.00 /gal

Larger Quantities - Call for quote

LignoTech USA

◦BORREGRO HA-2

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr, WI --

Pallet Tank	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	\$9.50 /lb
50+ lb	\$7.35 /lb
250+ lb	\$7.00 /lb
1000+ lb	\$6.00 /lb
Pallet (50 lb bags)	\$5.65 /lb

Larger Quantities - Call for quote

Mesa Verde

◦MV SOLUBLE POWDER

80% Humic Acid - Water Soluble

2200 lb pallet makes 1300+ gal

15% Humic Acid Solution

Direct Ship Only

-- FOB Mfr, NM --

Pallet (55 lb bags)	\$3.25 /lb
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Larger Quantities - Call for quote

Mesa Verde

◦DRY HUMATES

Natural deposit out of New Mexico. Reduces compaction, Improves soil tilth and nutrient holding capacity. Stimulates soil microbial life. Aids in sodium buffering.

AG GRADE (-1/4" Chip)

Direct Ship Only

-- FOB Mfr, NM --

Pallet (50 lb bags)	\$0.24 /lb
2000 lb Super Bag	\$0.19 /lb
3+ Super Bags	\$0.18 /lb

Larger Quantities - Call for quote

GREENS GRADE (1-2 mm)

Direct Ship Only

-- FOB Mfr, NM --

Pallet (50 lb bags)	\$0.32 /lb
2000 lb Super Bag	\$0.27 /lb
3+ Super Bags	\$0.26 /lb

Larger Quantities - Call for quote

Additional Mesa Verde Humate Products

Available

See Website Notes for more info

Custom Screening and
Various Particle Sizes Possible

Direct Ship - Pallet Quantities Only
FOB Mfr, NM

JH Biotech

◦HUMAX

12% Humic Acid

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse, Texas --

2.5+ gal	\$11.50 /gal
5+ gal	\$10.75 /gal
20+ gal	\$10.25 /gal
80+ gal	\$10.00 /gal

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

20+ gal	\$9.75 /gal
80+ gal	\$9.00 /gal
Pallet (180 gal)	\$7.50 /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.

-- FOB EO Warehouse, Texas --

2.5 gal	\$18.50 /gal
5+ gal	\$16.50 /gal
20+ gal	\$15.50 /gal

-- FOB Mfr, IL --

20+ gal	\$13.75 /gal
80+ gal	\$13.00 /gal
Drum - 30 gal	\$11.75 /gal
Pallet Tank	\$9.50 /gal
1000 gal (in totes)	\$9.25 /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.

-- FOB EO Warehouse, Texas --

2.5 gal	\$15.00 /gal
5+ gal	\$14.25 /gal
20+ gal	\$13.50 /gal

-- FOB Mfr, IL --

20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Drum - 30 gal	\$9.50 /gal
Pallet Tank	\$7.50 /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	\$2.45 /gal
1100 gal (in totes)	\$2.35 /gal

Larger Quantities - Call for quote

Nature's Source

◦PLANT PROBIOTIC

Biofertilizer

Live Beneficial Bacteria

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

Direct Ship Only

-- FOB Mfr, TX --

5+ lb	\$55.50 /lb
20+ lb	\$51.50 /lb
80+ lb	\$49.00 /lb

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.

Each Pallet Tank will contain about 1.5 tons.

Direct Ship Only

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

4 Pallet Tanks	Quote /ton
½ Bulk Truckload	Quote /ton
Bulk Truckload	Quote /ton

Larger Quantities - Call for quote

Organic Residue? or 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.

Yet, having abundant

Organic Residue to return to the soil is normally greatly desired by the biological farmer. Under the right conditions, this **Organic Residue** will break down to form the more stable

Organic Matter which is so important to a fertile soil. But under the wrong conditions it may be easily converted to carbon dioxide and be lost to the atmosphere. That's a problem.

Residue WS (see below)

is one answer - formulated to quickly and efficiently break down organic residue into organic matter and incorporate it into the soil.

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	\$135.00 /lb
5+ lb	\$115.00 /lb
10+ lb	\$102.00 /lb
30+ lb	\$97.00 /lb

Larger Quantities - Call for quote

Soil Amendments

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

MICROBES AND MICROBIAL

FOOD SOURCES

(cont)

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 \$16.00 /lb
150+ lb \$15.00 /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.

-- FOB EO Warehouse, Texas --

1 lb (pkg) \$50.00 /lb
5.3 lb (bucket) \$40.00 /lb

Direct Ship
-- FOB Mfr, CA --

5.3 lb (bucket) \$35.00 /lb
31.8 lb (bucket) \$30.00 /lb
159 lb (5 buckets) \$28.50 /lb
1000+ lb \$27.50 /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).

Beware the Yield Burglar!

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 growing a marketable and profitable crop.

Not everyone is blessed with soils perfectly suited for the crops they want to grow, and even if our 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

accept water easily at the surface and allow rapid infiltration, water is wasted and problems multiply.

These mineral imbalances also create internal drainage problems that allow salt buildup.

So, what is the Solution?

There is, of course, 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 @ \$30.00 /gal
 See Clearance page for more info

-- FOB Mfr, UT --

Pallet (180 gal) \$42.00 /gal
 Pallet Tank \$40.00 /gal

Larger Quantities - Call for quote

Internal Drainage

Kickstarter

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

Once internal drainage and soil/air exchange is temporarily improved by application of surfactants, the continuing application of biological and/or mineral amendments can more effectively improve the soil rhizosphere.

This comprehensive 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.

-- FOB EO Warehouse, Texas --

2.5 gal \$20.00 /gal
 5+ gal \$19.00 /gal
 20+ gal \$18.50 /gal
 80+ gal \$18.00 /gal

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

20+ gal \$18.00 /gal
 80+ gal \$17.00 /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 case \$22.00 /gal
 20+ gal \$21.50 /gal
 80+ gal \$20.75 /gal

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

20+ gal \$20.50 /gal
 80+ gal \$19.75 /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
 26 gal available @ \$75.00 /gal
 See Clearance page for more info

-- FOB Mfr, CA / IL --

20 gal \$131.75 /gal
 80 gal \$125.25 /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** 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+ lb	\$0.57 /lb
250+ lb	\$0.55 /lb
1000+ lb	\$0.52 /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) --

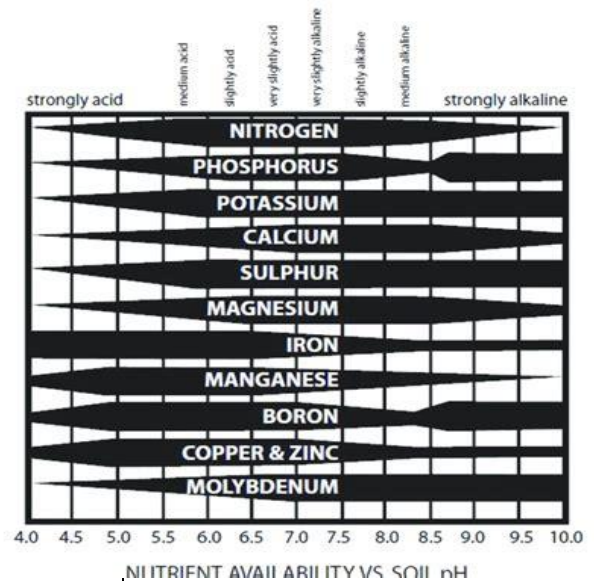
Pallet (50 lb bags)	Quote /lb
2000 lb Super Bag	Quote /lb
3+ Super Bags	Quote /lb

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

98G 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

90% 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.

-- FOB EO Warehouse, Texas --

50+ lb	\$0.30 /lb
250+ lb	\$0.28 /lb
1000+ lb	\$0.27 /lb
Pallet (50 lb bags)	\$0.26 /lb

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

Seed and Seed Trench Treatments

Seed and Seed Trench Treatments

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

They are 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; enhances rhizosphere; builds soil structure; improves mineral uptake and drought resistance.

Direct Ship Only
-- FOB Mfr, IL --

1+ lb	\$75.00 /lb
5+ lb	\$62.50 /lb
10+ lb	\$52.00 /lb
30+ lb	\$46.00 /lb
150+ lb	\$44.00 /lb

Larger Quantities - Call for quote

Soil Mender

°EARTHWORM CASTINGS

-- FOB EO Warehouse, Texas --

40+ lb	\$1.20 /lb
400+ lb	\$1.15 /lb
1000+ lb	\$1.10 /lb

-- FOB Mfr, TX --

1000 lb	\$0.97 /lb
Pallet (40 lb bags)	\$0.80 /lb
2000 lb super bag	\$0.50 /lb

Larger Quantities - Call for quote

JH Biotech

°SOLUPHOS SP

Microbial Inoculant

Phosphate Solubilizing Bacteria
Bacillus licheniformis
Pseudomonas putida

Direct Ship Only
-- FOB Mfr, CA --

20+ lb	\$18.50 /lb
100+ lb	\$16.00 /lb

Larger Quantities - Call for quote

DPH Biologicals

°BAC-PAC SEED TREAT

Planter Box Treatment

Biostimulating bacterial formulation - enhances root zone environment.

Direct Ship Only
-- FOB Mfr, IL --

5+ lb	\$40.00 /lb
10+ lb	\$34.00 /lb
30+ lb	\$30.00 /lb
150+ lb	\$29.00 /lb
900+ lb	\$28.00 /lb

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	\$19.50 /gal
4+ gal	\$18.50 /gal
2.5 gal	\$15.00 /gal
5+ gal case	\$14.00 /gal
20+ gal	\$13.50 /gal
80+ gal	\$13.00 /gal
Drum - 55 gal	\$6.75 /gal
Drums 4-55 gal	\$6.35 /gal
Pallet Tank	\$5.00 /gal
1000 gal (in totes)	\$4.85 /gal

-- FOB Mfr, NC --

20+ gal	\$12.00 /gal
80+ gal	\$11.50 /gal
Pallet (180 gal)	\$10.75 /gal
Drum - 55 gal	\$5.50 /gal
Drums 4-55 gal	\$5.10 /gal
Pallet Tank	\$4.50 /gal
1040 gal (4 totes)	\$4.40 /gal
2600 gal (10 totes)	\$4.30 /gal
4420 gal (17 totes)	Quote /gal

DPH Biologicals

°SP-1

Microbial Inoculant

Stable liquid microbial formula. Supplies and stimulates diverse soil microbial life. Improves soil tilth and health.

-- FOB EO Warehouse, Texas --

2.5 gal	\$18.50 /gal
5+ gal	\$16.50 /gal
20+ gal	\$15.50 /gal

-- FOB Mfr, IL --

20+ gal	\$13.75 /gal
80+ gal	\$13.00 /gal
Drum - 30 gal	\$11.75 /gal
Pallet Tank	\$9.50 /gal
1000 gal (in totes)	\$9.25 /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.

-- FOB EO Warehouse, Texas --

2.5 gal	\$15.00 /gal
5+ gal	\$14.25 /gal
20+ gal	\$13.50 /gal

-- FOB Mfr, IL --

20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Drum - 30 gal	\$9.50 /gal
Pallet Tank	\$7.50 /gal
1000 gal (in totes)	\$7.25 /gal

Larger Quantities - Call for quote

Seed and Seed Trench Treatments

Mycorrhizal Fungi

"The Friendly Fungus"

Myco Apply

°ENDO MYCORRHIZAE

FUNGAL SPECIES

Symbiotic with Plant Roots

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

°GRANULAR ENDO

4 species blend

For soil or media application

Direct Ship Only

-- FOB CA --

40+ lb	\$8.70 /lb
200+ lb	\$8.15 /lb
800+ lb	\$7.95 /lb

°ULTRAFINE ENDO

4 species blend

For dry or liquid application.

Easily suspendable in water with minimal agitation.

Direct Ship Only

-- FOB CA --

20+ lb	\$18.00 /lb
100+ lb	\$17.00 /lb
400+ lb	\$16.50 /lb

°ENDO MAXX

4 species blend

Concentrated suspendable powder

10 grams treats approx 2.5 acres

1 bag treats approx 40 acres

Direct Ship Only

-- FOB CA --

1 bag (160 gm)	\$635.00 /bag
2 bags (320 gm)	\$625.00 /bag
4 bags (640 gm)	\$620.00 /bag
10 bags (1600 gm)	\$615.00 /bag

Myco Apply

°ENDO / ECTO

MYCORRHIZAE

FUNGAL SPECIES

Symbiotic with Plant Roots

Appropriate for conifers, oaks, pecans, others.

°GRANULAR ENDO / ECTO

4 Endo / 7 Ecto Species

For soil or media application

Direct Ship Only

-- FOB CA --

40+ lb	\$10.75 /lb
200+ lb	\$10.00 /lb
800+ lb	\$9.75 /lb

°ULTRAFINE ENDO / ECTO

4 Endo / 7 Ecto Species

For dry or liquid application.

Easily suspendable in water with minimal agitation.

Direct Ship Only

-- FOB CA --

20+ lb	\$20.50 /lb
100+ lb	\$19.25 /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	\$42.50 /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.

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)	\$1.25 /lb
250+ lb (/lb)	\$1.20 /lb
1000+ lb (/lb)	\$1.15 /lb

FOB Mfr,

-- OK / DE / CA / GA --

Pallet (50 lb bags)	\$0.90 /lb
3+ Pallets (50 lb bags)	\$0.88 /lb
2645 lb Super Bag	\$0.88 /lb
3+ Super Bags	\$0.85 /lb

Larger Quantities - Call for quote

Summit Gold

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.

-- FOB EO Warehouse, Texas --

2.5 gal	\$20.00 /gal
5+ gal	\$19.50 /gal
20+ gal	\$19.00 /gal
80+ gal	\$18.00 /gal

-- FOB Mfr, TX --

Pallet (180 gal)	\$15.00 /gal
Pallet Tank (265 gal)	\$14.30 /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 lb (bucket)	\$35.00 /lb
31.8 lb (bucket)	\$30.00 /lb
159 lb (5 buckets)	\$28.50 /lb
1000+ lb	\$27.50 /lb

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	\$12.50 /gal
5+ gal case	\$11.75 /gal
20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal

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

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

Larger Quantities - Call for quote

Albion

METALOSATE NPK

4-17-17

Amino acid chelate liquid formulation for foliar application.

Not allowed for Organic Use

-- FOB EO Warehouse, Texas --

Clearance Pricing on In-Stock Inventory
20 gal available @ \$20.00 /gal
See Clearance page for more info

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)

-- FOB EO Warehouse, Texas --

50+ lb (/lb)	\$6.50 /lb
250+ lb (/lb)	\$6.25 /lb
1000+ lb (/lb)	\$6.00 /lb
Pallet (50 lb bags)	\$5.70 /lb

Larger Quantities - Call for quote

Darling Ingredients

NATURE SAFE

BLENDING BASE 13-0-0

13% slow release N

Hydrolyzed feather, meat, and blood meal.

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

Direct Ship Only

-- FOB Mfr, KY --

Pallet (50 lb bags)	\$0.68 /lb
2000 lb Super Bag	\$0.65 /lb
3+ Super Bags	\$0.63 /lb

Larger Quantities - Call for quote

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

Direct Ship Only

-- FOB Mfr, KY --

Pallet (50 lb bags)	\$0.69 /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)	\$0.72 /lb
2000 lb Super Bag	\$0.69 /lb
3+ Super Bags	\$0.67 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(CONT)

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.**

-- FOB EO Warehouse, Texas --

2.5 gal	\$12.50 /gal
5+ gal	\$12.00 /gal
20+ gal	\$11.25 /gal
80+ gal	\$10.75 /gal

-- FOB Mfr, TX --

80+ gal	\$9.75 /gal
Pallet (180 gal)	\$9.00 /gal
Pallet Tank (275 gal)	\$8.25 /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 --

80+ gal	\$9.80 /gal
Pallet (180 gal)	\$9.20 /gal
Drum - 55 gal	\$9.00 /gal
Drums 4-55 gal	\$8.50 /gal
Pallet Tank (275 gal)	\$7.50 /gal

Larger Quantities - Call for quote

CR Brown **ROWN'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	\$19.50 /gal
4+ gal	\$18.50 /gal
2.5 gal	\$15.00 /gal
5+ gal case	\$14.00 /gal
20+ gal	\$13.50 /gal
80+ gal	\$13.00 /gal
Drum - 55 gal	\$6.75 /gal
Drums 4-55 gal	\$6.35 /gal
Pallet Tank (260 gal)	\$5.00 /gal
1000 gal (in totes)	\$4.85 /gal

-- FOB Mfr, NC --

20+ gal	\$12.00 /gal
80+ gal	\$11.50 /gal
Pallet (180 gal)	\$10.75 /gal
Drum - 55 gal	\$5.50 /gal
Drums 4-55 gal	\$5.10 /gal
Pallet Tank (260 gal)	\$4.50 /gal
1040 gal (4 totes)	\$4.40 /gal
2600 gal (10 totes)	\$4.30 /gal
4420 gal (17 totes)	Quote /gal

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	\$15.00 /gal
5+ gal	\$14.25 /gal
20+ gal	\$13.75 /gal
80+ gal	\$13.25 /gal

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

20+ gal	\$13.00 /gal
80+ gal	\$12.50 /gal
Pallet (180 gal)	\$10.75 /gal
Drum - 55 gal	\$11.00 /gal
Drums 4-55 gal	\$10.60 /gal
Pallet Tank (250 gal))	\$10.60 /gal

Larger Quantities - Call for quote

Dramm Corp **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 --

Drum - 30 gal	\$10.00 /gal
Pallet Tank	\$7.90 /gal
1000 gal (in totes)	\$7.50 /gal

Larger Quantities - Call for quote

Dramm Corp **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	\$10.75 /gal
1000 gal (in totes)	\$10.25 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

HE Ranch

FOB Arizona

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

THE FARMS CHOICE 4-4-2

Chicken Manure **Pellets**

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, AZ --

Pallet (50 lb bags)	\$0.20 /lb
2000 lb Super Bag	\$0.17 /lb
3+ Super Bags	\$0.16 /lb

Larger Quantities - Call for quote

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
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Larger Quantities - Call for quote

THE FARMS CHOICE 8-5-1

+ 8% CALCIUM

Chicken Manure **Pellets**

-- FOB EO Warehouse, Texas --

50+ lb (/lb)	\$0.72 /lb
250+ lb (/lb)	\$0.67 /lb
1000+ lb (/lb)	\$0.62 /lb

-- FOB Mfr, AZ --

Pallet (50 lb bags)	\$0.37 /lb
2000 lb Super Bag	\$0.34 /lb
3+ Super Bags	\$0.33 /lb

Larger Quantities - Call for quote

THE FARM'S CHOICE 10-2-0 POULTRY MEAL

Finely Ground Meal

Quickly breaks down with watering.

Direct Ship Only

-- FOB Mfr, AZ --

2000 lb Super Bag	Quote /lb
3+ Super Bags	Quote /lb

Quotes for Larger Quantities Available

Fertoz

FERTIFY 2-8-4

Pelleted Chicken Litter fortified with
Rock Phosphate and Sulfate of Potash

-- FOB Mfr, MT --

Pallet (50 lb bags)	Quote /lb
2000 lb Super Bag	\$0.30 /lb
3+ Super Bags	\$0.29 /lb

Larger Quantities - Call for quote

Fassio Farms

FOB Utah

KAY'S CHOICE 4-3-2 + 8% CALCIUM

Pelletized Chicken Manure

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

Direct Ship Only

-- FOB Mfr, UT --

Pallet (40 lb bags)	\$0.19 /lb
2000 lb Super Bag	\$0.15 /lb
3+ Super Bags	\$0.14 /lb

Larger Quantities - Call for quote

KAY'S CHOICE 4-3-2 + 8% CALCIUM

Granulated Chicken Manure

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

Direct Ship Only

-- FOB Mfr, UT --

Pallet (40 lb bags)	\$0.21 /lb
2000 lb Super Bag	\$0.18 /lb
3+ Super Bags	\$0.17 /lb

Larger Quantities - Call for quote

Cold Spring Egg Farm

FOB Wisconsin

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

CM 4-3-2 + 9% CALCIUM

Granular

Direct Ship Only

-- FOB Mfr, WI --

Pallet (40 lb bags)	\$0.26 /lb
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Larger Quantities - Call for quote

CM 4-3-2 + 9% CALCIUM

Pelletized

Direct Ship Only

-- FOB Mfr, WI --

Pallet (40 lb bags)	\$0.23 /lb
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Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(CONT)

Diamond K

°POTASSIUM SULFATE

0-0-50

Water Soluble, Fine Powder

-- FOB EO Warehouse, Texas --

50+ lb	\$0.85 /lb
250+ lb	\$0.82 /lb
1000+ lb	\$0.79 /lb
Pallet (50 lb bags)	\$0.74 /lb

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.58 /lb
2000 lb Super Bag	\$0.58 /lb
3+ Super Bags	\$0.56 /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

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

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

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)	\$0.65 /lb
3+ Super Bags	\$0.60 /lb

Larger Quantities - Call for quote

Albion

°METALOSATE POTASSIUM

Amino Acid Chelated

Water Soluble for Foliar Applications

3.0% N; 35.0% K (Potash)

-- FOB EO Warehouse, Texas --

5 lb (jug)	\$21.50 /lb
10+ lb	\$18.50 /lb
20+ lb	\$18.00 /lb
40+ lb	\$17.25 /lb

-- FOB Mfr, UT / CA --

20+ lb	\$17.00 /lb
40+ lb	\$16.50 /lb
44 lb bag	\$13.25 /lb
220 lb (5 bags)	\$12.50 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

PHOSPHORUS

Fertoz

°ROCK PHOSPHATE

0-7-0

Calcium Phosphate

**30 - 50 Mesh (Powdered)
Double Screened**

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

30 - 70 Mesh (Powdered)

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

325 Mesh Micronized

Direct Ship Only

-- FOB Mfr, Canada --

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

Releasing Minerals 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 believes would be available to plant roots under "normal growing conditions".

These conditions are defined largely by the pH of the sampled soil. (See chart on page 13)

Note: Many soil microbes are far more aggressive mineral feeders than plant roots and can release minerals normally unavailable to the plant roots..

Fertoz

°ROCK PHOSPHATE + SULFUR BLEND

180 or 240 SGN Granular

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

Direct Ship Only

-- FOB Mfr, ID --

Pallet (50 lb bags) **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

A diverse and robust microbial population in the root zone helps "unlock" and recycle soil nutrients that would otherwise be unavailable to the plant.

*In particular, **Phosphorus availability** benefits greatly from robust microbial activity due to its intrinsically low availability in many soils. Below is a microbe that 'specializes' in the digestion and recycling of phosphorus,*

JH Biotech

°SOLUPHOS SP

Microbial Inoculant

Phosphate Solubilizing Bacteria

Bacillus licheniformis

Pseudomonas putida

Direct Ship Only

-- FOB Mfr, CA --

20+ lb \$18.50 /lb

100+ lb \$16.00 /lb

Larger Quantities - Call for quote

***Soluphos SP** (above) is not a phosphorous fertilizer. It is composed of **phosphorous solubilizing organisms** that can help make both native 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.*

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS

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

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	\$10.50 /gal
4+ gal	\$10.00 /gal
20+ gal	\$9.50 /gal

-- FOB Mfr, FL --

80+ gal	\$6.25 /gal
Pallet (144 gal)	\$5.75 /gal

Larger Quantities - Call for quote

Brandt Organics

ORSKH STICKER

Bentonite, Lactose and Casein
Use with foliar insecticides, fungicides, herbicides and nutritional sprays to increase rain fastness.

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

5+ lb	\$4.00 /lb
20+ lb	\$4.00 /lb
50+ lb (case)	\$4.00 /lb

See Clearance page for more info

-- FOB Mfr, CA / IL --

50+ lb (case)	\$2.35 /lb
250+ lb (5 cases)	\$2.15 /lb
500+ lb (10 cases)	\$2.05 /lb
Pallet (1400 lb)	\$1.85 /lb

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

26 gal available @	\$75.00 /gal
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See Clearance page for more info

-- FOB Mfr, CA / IL --

4+ gal	\$137.00 /gal
20+ gal	\$131.75 /gal
80+ gal	\$125.25 /gal
Pallet (144 gal)	\$116.00 /gal

Larger Quantities - Call for quote

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 --

1 gal	\$91.00 /gal
4+ gal	\$85.00 /gal

-- FOB Mfr, CA / IL --

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 --

1 gal	\$106.00 /gal
4+ gal	\$102.00 /gal

-- FOB Mfr, CA / IL --

20+ gal	\$95.00 /gal
80+ gal	\$90.00 /gal
Pallet (144 gal)	\$83.00 /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, Texas --

50+ lb	\$4.40 /lb
250+ lb	\$4.25 /lb
1000+ lb	\$4.05 /lb
Pallet (50 lb bags)	\$3.80 /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	\$11.50 /gal
5+ gal	\$10.75 /gal
20+ gal	\$10.25 /gal
80+ gal	\$10.00 /gal

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

20+ gal	\$9.75 /gal
80+ gal	\$9.00 /gal
Pallet (180 gal)	\$7.50 /gal

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
250+ lb	\$4.60 /lb
1000+ lb	\$4.40 /lb
Pallet (50 lb bags)	\$4.15 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS (cont)

JH Biotech

◦FULMAX

3% Fulvic Acid

For use in the soil or as foliar adjuvant.

Direct Ship Only

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

20+ gal	\$16.00 /gal
80+ gal	\$15.00 /gal
Pallet (180 gal)	\$13.00 /gal

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	\$56.00 /gal
4+ gal	\$53.50 /gal
5+ gal	\$52.00 /gal
20+ gal	\$50.50 /gal
80+ gal	\$48.00 /gal
Pallet (160 gal)	\$45.00 /gal
Drum - 55 gal	\$47.00 /gal
Drums 4-55 gal	\$44.50 /gal

Larger Quantities - Call for quote

JH Biotech

◦MIXWELL

Acidifier-Complexing Agent

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

-- FOB EO Warehouse, Texas --

2.5 gal	\$20.00 /gal
5+ gal	\$19.00 /gal
20+ gal	\$18.50 /gal
80+ gal	\$18.00 /gal

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

20+ gal	\$18.00 /gal
80+ gal	\$17.00 /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 case	\$22.00 /gal
20+ gal	\$21.50 /gal
80+ gal	\$20.75 /gal

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

20+ gal	\$20.50 /gal
80+ gal	\$19.75 /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	\$55.00 /gal
5+ gal	\$53.00 /gal
20+ gal	\$51.50 /gal
80+ gal	\$49.00 /gal

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

20+ gal	\$51.00 /gal
80+ gal	\$48.25 /gal
Pallet (180 gal)	\$42.00 /gal
Drum - 55 gal	\$44.50 /gal
Drums 4-55 gal	\$41.50 /gal

Larger Quantities - Call for quote

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

Mesa Verde

◦MV SOLUBLE POWDER

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

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

Direct Ship Only

-- FOB Mfr, TX --

Pallet (55 lb bags)	\$3.25 /lb
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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	\$9.50 /lb
50+ lb	\$7.35 /lb
250+ lb	\$7.00 /lb
1000+ lb	\$6.00 /lb
Pallet (50 lb bags)	\$5.65 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS TRACE MINERALS

Micronutrients or trace minerals can be 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 oGYPSUM SOLUTION GRADE 97

Calcium Sulfate

Water Soluble Powder; Can be Applied Through Drip or Pivot

Also commonly used for salt mitigation when using poor irrigation water.

SEE PAGE 13 FOR DESCRIPTION OF USE
AS A "SOIL TILTH" TREATMENT

-- FOB EO Warehouse, Texas --

50+ lb	\$0.30 /lb
250+ lb	\$0.28 /lb
1000+ lb	\$0.27 /lb
Pallet (50 lb bags)	\$0.26 /lb

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

Calcium Products o98G 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

Tiger-Sul or Martin

o90% SOIL SULFUR

Pastille Sulfur

More 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+ lb	\$0.57 /lb
250+ lb	\$0.55 /lb
1000+ lb	\$0.52 /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

oMAGNESIUM SULFATE

Epsom Salt

Water Soluble Magnesium source

-- FOB EO Warehouse, Texas --

50+ lb	\$0.56 /lb
250+ lb	\$0.53 /lb
1000+ lb	\$0.51 /lb

-- FOB Mfr, TX --

1000+ lb	\$0.43 /lb
Pallet (50 lb bags)	\$0.40 /lb
3 Pallets (50 lb bags)	\$0.39 /lb

Larger Quantities - Call for quote

oCOPPER SULFATE

20% Copper

Sprayable Copper Fertilizer

-- FOB EO Warehouse, Texas --

50+ lb	\$2.70 /lb
250+ lb	\$2.55 /lb
1000+ lb	\$2.45 /lb

-- FOB Mfr, TX --

1000+ lb	\$2.35 /lb
Pallet (50 lb bags)	\$2.25 /lb

Larger Quantities - Call for quote

Brandt

oIRON SULFATE

20% Iron

Slowly Water Soluble

-- FOB EO Warehouse, Texas --

50+ lb	\$0.97 /lb
250+ lb	\$0.91 /lb
1000+ lb	Quote /lb

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

oZINC SULFATE

+/- 35% Zinc

Granular, Slowly Water Soluble

-- FOB EO Warehouse, Texas --

50+ lb	\$1.25 /lb
250+ lb	\$1.20 /lb
1000+ lb	\$1.15 /lb

-- FOB Mfr, TX --

1000+ lb	\$1.05 /lb
Pallet (50 lb bags)	\$1.00 /lb

Larger Quantities - Call for quote

oMANGANESE SULFATE

+/- 32% Manganese

Granular, Slowly Water Soluble

-- FOB EO Warehouse, Texas --

55+ lb	\$1.25 /lb
275+ lb	\$1.20 /lb

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS (CONT)

Azomite Minerals

oAZOMITE

Natural volcanic and sedimentary "exotic" trace mineral source.

Granular (For Crops)

-- FOB EO Warehouse, Texas --

44+ lb	\$0.54 /lb
220+ lb	\$0.52 /lb
1100+ lb	\$0.51 /lb

-- FOB Mfr, TX --

1100+ lb	\$0.43 /lb
Pallet (44 lb bags)	\$0.42 /lb
3+ Pallets	\$0.41 /lb
10+ Pallets	\$0.40 /lb

Larger Quantities - Call for quote

Micronized (For Crops or Feed)

Fine powder

-- FOB EO Warehouse, Texas --

44+ lb	\$0.49 /lb
220+ lb	\$0.47 /lb
1100+ lb	\$0.46 /lb

-- FOB Mfr, TX --

1100+ lb	\$0.38 /lb
Pallet (44 lb bags)	\$0.37 /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

-- FOB EO Warehouse, Texas --

44+ lb	\$0.47 /lb
220+ lb	\$0.45 /lb
1100+ lb	\$0.43 /lb

-- FOB Mfr, TX --

1100+ lb	\$0.36 /lb
Pallet (44 lb bags)	\$0.35 /lb
3+ Pallets	\$0.34 /lb
10+ Pallets	\$0.33 /lb

Larger Quantities - Call for quote

Healthy Soil

oECO-MIN

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

Direct Ship Only

-- FOB Mfr, CA --

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

Quotes for Bulk and Larger Quantities Available

Restora Life

OR FLORA-STIM

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

Direct Ship Only

-- FOB Mfr, MS --

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

-- FOB EO Warehouse, Texas

Drum - 55 gal	\$32.00 /gal
220 gal (in drums)	\$27.00 /gal

Larger Quantities - Call for quote

U.S. Borax

OR SOLUBOR

20% Boron

Water Soluble

Note* Caution needed when applying Boron, especially foliar

-- FOB EO Warehouse, Texas --

50+ lb	\$2.15 /lb
250+ lb	\$2.00 /lb

-- 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, Suitable for Soil application

-- FOB EO Warehouse, Texas --

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

-- 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

Water Soluble, Spreadable Boron

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

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS
TRACE MINERALS (CONT)

Ferti-Organic

°**SEAWEED/KELP**

Natural Foliar Spray

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

-- FOB EO Warehouse, Texas --

50+ lb	\$7.00 /lb
250+ lb	\$6.75 /lb
1000+ lb	\$6.50 /lb
Pallet (50 lb bags)	\$6.10 /lb

Larger Quantities - Call for quote

JH Biotech

°**SEAMAX**

1-0-0.8

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

-- FOB EO Warehouse, Texas --

2,5 gal	\$21.00 /gal
5+ gal	\$20.00 /gal
20+ gal	\$19.25 /gal
80+ gal	\$18.50 /gal

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

20+ gal	\$19.00 /gal
80+ gal	\$17.50 /gal
Pallet (180 gal)	\$16.25 /gal

Larger quantities - Call for quote

MINOR ELEMENTS

TRACE MINERALS - COMPLEXED

Nutrients combined with plant-friendly and soil-friendly carbon based substances for better uptake and buffering characteristics

Baicor Phyto-Plus

OR**3% MOLYBDENUM**

Derived from Sodium Molybdate

Direct Ship Only

-- FOB Mfr, UT --

5 gal case	\$30.00 /gal
20+ gal	\$27.50 /gal
180 gal pallet	\$25.50 /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	\$27.00 /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

DPH Biologicals

°**PILLAR**

2-0-1 Micronutrient Blend
Supplies a variety of micronutrients.
Complexed with lignosulfonate.

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

275 gal available @
(275 gal tote) 2.50 /gal
See Clearance page for more info

-- FOB Mfr, IL --

20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Drum - 30 gal	\$9.50 /gal
Pallet Tank	\$7.50 /gal
1000 gal (in totes)	\$7.10 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS

TRACE MINERALS - CHELATED (AMINO ACID)

The 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! The beauty of Amino Acid chelated micronutrients is that they provide the plant with a ready made supplementation of critical nutrients at a very low energy cost to the plant.

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.

Even though only needed in small amounts, micronutrients **are critical to plant health**. And even if micronutrients are present 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. Using a high quality **chelated form** supplied through **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

-- FOB EO Warehouse, Texas --

5 lb (jug)	\$21.50 /lb
10+ lb	\$18.50 /lb
20+ lb	\$18.00 /lb
40+ lb	\$17.25 /lb
44 lb bag	\$14.25 /lb

-- FOB Mfr, UT / CA --

20+ lb	\$17.00 /lb
40+ lb	\$16.50 /lb
44 lb bag	\$13.25 /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	\$20.00 /gal
5+ gal case	\$19.00 /gal
20+ gal	\$18.50 /gal
80+ gal	\$18.00 /gal

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

20+ gal	\$18.00 /gal
80+ gal	\$17.00 /gal
Pallet (180 gal)	\$15.00 /gal
Drum - 55 gal	\$15.80 /gal
Pallet Tank	\$15.00 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS

TRACE MINERALS - CHELATED

(AMINO ACID)

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

-- FOB EO Warehouse, Texas --

5 lb (iug)	\$22.50 /lb
10+ lb	\$19.25 /lb
20+ lb	\$18.50 /lb
40+ lb	\$18.00 /lb
44 lb bag	\$15.00 /lb
220 lb (5 bags)	\$14.00 /lb

-- FOB Mfr, UT / CA --

20+ lb	\$17.75 /lb
40+ lb	\$17.00 /lb
44 lb bag	\$14.00 /lb
220 lb (5 bags)	\$13.25 /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 --

20+ lb	\$17.75 /lb
40+ lb	\$17.00 /lb
44 lb bag	\$14.00 /lb
220 lb (5 bags)	\$13.25 /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 case	\$16.50 /gal
20+ gal	\$16.00 /gal
80+ gal	\$15.25 /gal

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

20+ gal	\$15.50 /gal
80+ gal	\$15.00 /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

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
1000+ lb	\$6.50 /lb
Pallet (50 lb bags)	\$6.10 /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	\$21.00 /gal
5+ gal	\$20.00 /gal
20+ gal	\$19.25 /gal
80+ gal	\$18.50 /gal

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

20+ gal	\$19.00 /gal
80+ gal	\$17.50 /gal
Pallet (180 gal)	\$16.25 /gal

Larger quantities - Call for quote

Biologicals (living organisms) are hard at it 24/7 given the right conditions,

(let's not tell OSHA! ...Or PETA!) working to release and recycle nutrients in the soil for the benefit of plant roots.

These naturally occurring beneficial microbial species are also found in the previous catalog sections under "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.

-- FOB EO Warehouse, Texas --

2.5 gal	\$18.50 /gal
5+ gal	\$16.50 /gal
20+ gal	\$15.50 /gal

-- FOB Mfr, IL --

20+ gal	\$13.75 /gal
80+ gal	\$13.00 /gal
Drum - 30 gal	\$11.75 /gal
Pallet Tank	\$9.50 /gal
1000 gal (in totes)	\$9.25 /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.

-- FOB EO Warehouse, Texas --

2.5 gal	\$15.00 /gal
5+ gal	\$14.25 /gal
20+ gal	\$13.50 /gal

-- FOB Mfr, IL --

20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Drum - 30 gal	\$9.50 /gal
Pallet Tank	\$7.50 /gal
1000 gal (in totes)	\$7.25 /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.

-- FOB EO Warehouse, Texas --

0.5 gal bottle	\$91.00 /bot
2+ gal (case – 4 btls)	\$88.00 /bot
10+ gal (5 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
250+ lb	\$4.60 /lb
1000+ lb	\$4.40 /lb
Pallet (50 lb bags)	\$4.15 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

"BIOSTIMULANTS" (cont)

Myco Apply

**°ENDO MYCORRHIZAE
FUNGAL SPECIES**

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

°GRANULAR ENDO

4 species blend

For soil or media application

Direct Ship Only

-- FOB CA --

40+ lb	\$8.70 /lb
200+ lb	\$8.15 /lb
800+ lb	\$7.95 /lb

°ULTRAFINE ENDO

4 species blend

For dry or liquid application

Easily suspendable in water with
minimal agitation

Direct Ship Only

-- FOB CA --

20+ lb	\$18.00 /lb
100+ lb	\$17.00 /lb
400+ lb	\$16.50 /lb

°ENDO MAXX

4 species blend

Concentrated suspendable powder

10 grams treats approx 2.5 acres

1 bag treats approx 40 acres

Direct Ship Only

-- FOB CA --

1 bag (160 gm)	\$635.00 /bag
2 bags (320 gm)	\$625.00 /bag
4 bags (640 gm)	\$620.00 /bag
10 bags (1600 gm)	\$615.00 /bag

Mycorrhizal Relationships

Endomycorrhizal Plants:

←(See column left)

90% of Plants—Most Green,

Leafy Plants and most

Commercially Produced Plants.

Shrubs and foliage plants

except Rhododendron, Azalea,
and Heath;

Berries except blueberries,
cranberries and lingonberries;

Nut trees except pecan, hazelnuts
and filberts.

Flowers, Vegetables except
Brassicas and beets.

Cultivated grasses except weedy
grasses;

Fruit trees including tropical
fruits; many

Wetland/aquatic species except
rushes and horsetails.

Ectomycorrhizal Plants:

(See column right)→

5% of Plants—Mainly Conifers &

Oaks—also Pecans

And then there are

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

**°ENDO / ECTO
MYCORRHIZAE**

FUNGAL SPECIES

Symbiotic with Plant Roots

Appropriate for conifers,
oaks, pecans, others.

°GRANULAR ENDO / ECTO

4 Endo / 7 Ecto Species

For soil or media application

Direct Ship Only

-- FOB CA --

40+ lb	\$10.75 /lb
200+ lb	\$10.00 /lb
800+ lb	\$9.75 /lb

°ULTRAFINE ENDO / ECTO

4 Endo / 7 Ecto Species

For any dry or liquid application

Easily suspendable in water with
minimal agitation

Direct Ship Only

-- FOB CA --

20+ lb	\$20.50 /lb
100+ lb	\$19.25 /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	\$42.50 /lb

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

"BIOSTIMULANTS" (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.

-- FOB EO Warehouse, Texas --

1 lb (pkg)	\$50.00 /lb
5.3 lb (bucket)	\$40.00 /lb

Direct Ship

-- FOB Mfr, CA --

5.3 lb (bucket)	\$35.00 /lb
31.8 lb (bucket)	\$30.00 /lb
159 lb (5 buckets)	\$28.50 /lb
1000+ lb	\$27.50 /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	\$16.00 /lb
150+ lb	\$15.00 /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

2.5 gal	\$35.00 /gal
5+ gal	\$35.00 /gal
20+ gal	\$35.00 /gal
80+ gal	\$35.00 /gal
Pallet (180 gal)	Quote /gal

See Clearance page for more info

Agro Research

OR **THYME GUARD**

Liquid Fungicide / Bacteriacide

23% Thyme Oil

Broad spectrum - works both on contact and systemically.

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

10 gal available @
(1 gal jugs) \$80.00 /gal

See Clearance page for more info

-- FOB Mfr, FL --

80+ gal	\$89.50 /gal
Pallet (180 gal)	\$83.75 /gal
Drum (55 gal)	\$83.50 /gal
Drums (4-55 gal)	\$81.25 /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	\$53.50 /gal
20+ gal	\$52.00 /gal
80+ gal	\$50.75 /gal

Larger Quantities - Call for quote

Brandt (Imerys Minerals)

OR **CELITE 610**

Diatomaceous Earth

Broad Spectrum Label

-- FOB EO Warehouse, Texas --

40+ lb (40 lb bags)	\$2.00 /lb
240+ lb (40 lb bags)	\$1.90 /lb
Pallet (840+ lb)	\$1.80 /lb

-- FOB Mfr, Texas --

Pallet (840+ lb)	\$1.60 /lb
3+ Pallets (2520+ lb)	\$1.55 /lb
16+ Pallets (13440+ lb)	\$1.50 /lb

-- FOB Mfr, CA / IL --

Pallet (840+ lb)	\$1.50 /lb
3+ Pallets (2520+ lb)	\$1.45 /lb
16+ Pallets (13440+ lb)	\$1.40 /lb

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 --

2.5 gal	\$17.50 /gal
5+ gal	\$16.25 /gal
20+ gal	\$15.50 /gal

-- FOB Mfr, CA --

20+ gal	\$12.50 /gal
80+ gal	\$12.00 /gal
Pallet (180 gal)	\$10.50 /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	\$106.00 /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

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

2.5 gal	\$12.00 /gal
5+ gal	\$12.00 /gal
20+ gal	\$12.00 /gal
80+ gal	\$12.00 /gal

See Clearance page for more info

-- FOB Mfr, CA / IL --

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

Plant Protection

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

PESTS AND DISEASES, (CONT)

Certis

OR **BOTEGHA ES**

Liquid - Emulsifiable
 Beauvaria Bassiana
 Insecticide - Parasitic Fungus
 Keep cool for long term storage.
 (Below 68 degrees F)

-- FOB EO Warehouse, Texas --

1 gal	\$310.00 /gal
4+ gal	\$298.00 /gal
20+ gal	\$290.00 /gal
80+ gal	\$283.00 /gal
Pallet (144 gal)	\$273.00 /gal

Larger quantities - Call for quote

Certis

OR **CARB-0-NATOR**

Potassium Bicarbonate
 Broad spectrum, contact fungicide

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory
 60 lb available @ \$5.00 /lb
 See Clearance page for more info

Certis

OR **CUEVA**

Copper Octoanate (Soap)
 Bacteriacide, Fungicide
 Broad spectrum, low burn potential
 Low toxicity potential

-- FOB EO Warehouse, Texas --

2.5 gal	\$49.00 /gal
5+ gal	\$47.00 /gal
20+ gal	\$45.50 /gal
80+ gal	\$43.00 /gal
Pallet (180 gal)	\$41.50 /gal

Larger quantities - Call for quote

Certis

OR **DES-X**

Insecticidal Soap

-- FOB EO Warehouse, Texas --

2.5 gal	\$48.00 /gal
5+ gal	\$46.00 /gal
20+ gal	\$45.00 /gal
80+ gal	\$42.50 /gal
Pallet (180 gal)	\$41.00 /gal

Larger Quantities - Call for quote

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.

-- FOB EO Warehouse, Texas --

2.5 gal	\$79.50 /gal
5+ gal	\$76.50 /gal
20+ gal	\$74.50 /gal
80+ gal	\$70.00 /gal
Pallet (180 gal)	\$67.50 /gal

Larger Quantities - Call for quote

Certis

OR **DOUBLE NICKEL 55**

Bacillus amyloliquefaciens
 strain D747 (Dry)

Fungicide/Bacteriacide

Dry Formulation -

Same uses as Double Nickel LC above

-- FOB EO Warehouse, Texas --

5+ lb	\$36.00 /lb
20+ lb	\$33.00 /lb
100+ lb	\$32.00 /lb
Pallet (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.

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory
Quarts discontinued by manufacturer

9 qt available @ \$40.00 /qt

-- FOB Mfr, FL --

PRICING BELOW IN 2.5 GAL JUGS

5+ gal	\$175.00 /gal
20+ gal	\$170.00 /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	\$16.50 /lb
20+ lb	\$15.50 /lb
100+ lb	\$14.50 /lb
Pallet (720 lb)	\$14.25 /lb

Larger quantities - Call for quote

Certis

OR **LIFEGARD**

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

-- FOB EO Warehouse, Texas --

1+ lb	\$152.00 /lb
4+ lb	\$148.00 /lb
20+ lb	\$145.00 /lb
100+ lb	\$138.00 /lb
200+ lb	\$134.00 /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 **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

35 oz bottle \$250.00 /btl

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

12+ bottles \$285.00 /btl

Larger quantities - Call for quote

Certis

OR **NEEMIX 4.5**

Insect Growth Regulator

Active Ingredient - Azadirachtin

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

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

1 qt \$218.00/qt

2+ qt \$215.00/qt

6+ qt \$210.00/qt

30+ qt \$202.00/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.

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

5+ lb \$58.00 /lb

20+ lb \$55.00 /lb

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

20+ lb \$51.00 /lb

100+ lb \$50.00 /lb

400+ lb \$40.00 /lb

Larger quantities - Call for quote

Certis

OR **SEDUCE**

Insect Bait w/Spinosad

Attracts and kills

ants, earwigs, and cutworm.

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

50+ lb \$5.30 /lb

250+ lb \$4.95 /lb

1000+ lb \$4.75 /lb

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 dessication.

Very pH sensitive

See our website for important usage notes

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

2.5 gal \$35.00 /gal

5+ gal \$33.50 /gal

20+ gal \$32.50 /gal

80+ gal \$30.50 /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)

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

5+ lb \$24.00 /lb

20+ lb \$22.00 /lb

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

20+ lb \$22.00 /lb

100+ lb \$21.00 /lb

Larger quantities - Call for quote

Certis

OR **TRILOGY**

Botanical Fungicide/Miticide

Clarified, Hydrophylic

Extract of Neem Oil

See also Debug ON

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

2.5 gal \$65.00 /gal

5+ gal \$62.50 /gal

20+ gal \$61.00 /gal

80+ gal \$57.50 /gal

Pallet (180 gal) \$55.50 /gal

Larger quantities - Call for quote

Dow

OR **ENTRUST SC**

Spinosad (liquid)

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

See label and our website

for more information.

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

1+ qt \$610.00/qt

4+ qt \$603.00/qt

8+ qt \$596.00/qt

16+ qt \$592.00/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 \$63.50 /gal

4+ gal \$60.50 /gal

5+ gal \$59.00 /gal

20+ gal \$57.50 /gal

80+ gal \$54.50 /gal

Pallet (160 gal) \$51.00 /gal

Drum - 55 gal \$54.00 /gal

Drums 4-55 gal \$51.00 /gal

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

Intl Sulfur

YELLOW JACKET FLOWABLE SULFUR

Sprayable Sulfur

Broad spectrum miticide and fungicide

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

2.5 gal available @ \$6.00 /gal

See Clearance page for more info

-- FOB Mfr, TX --

Pallet (180 gal) **Quote** /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 \$55.00 /gal

5+ gal \$53.00 /gal

20+ gal \$51.50 /gal

80+ gal \$49.00 /gal

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

20+ gal \$51.00 /gal

80+ gal \$48.25 /gal

Pallet (180 gal) \$42.00 /gal

Drum - 55 gal \$44.50 /gal

Drums 4-55 gal \$41.50 /gal

Larger Quantities - Call for quote

JH Biotech

FOSPHITE

Systemic fungicide / Growth promoter

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

26 gal available @ \$15.00 /gal

See Clearance page for more info

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

20+ gal \$27.50 /gal

80+ gal \$26.25 /gal

Pallet (180 gal) \$23.25 /gal

Drum (55 gal) \$24.50 /gal

Larger quantities - Call for quote

JH Biotech

OR PEST OUT

Pest Spray Oil

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

-- FOB EO Warehouse, Texas --

1 quart \$18.00 /qt

2.5 gal \$63.00 /gal

5+ gal \$61.00 /gal

20+ gal \$58.50 /gal

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

20+ gal \$57.75 /gal

80+ gal \$55.50 /gal

Pallet (180 gal) \$53.00 /gal

Larger quantities - Call for quote

KeyPlex

OR ECOTROL PLUS

Contains Rosemary and
Peppermint Oils PLUS Geraniol
Broad spectrum insecticide
and miticide

-- FOB EO Warehouse, Texas --

1 gal \$101.00 /gal

4+ gal \$95.00 /gal

2.5 gal \$100.00 /gal

5+ gal \$95.00 /gal

20+ gal \$92.00 /gal

80+ gal \$90.00 /gal

-- FOB Mfr, FL --

80+ gal \$89.50 /gal

Pallet (180 gal) \$87.50 /gal

Pallet Tank (275 gal) \$83.50 /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.

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 --

80+ gal \$37.00 /gal

Pallet (180 gal) \$36.00 /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 --

1 gal \$111.00 /gal

4+ gal \$107.00 /gal

20+ gal \$102.50 /gal

-- FOB Mfr, FL --

80+ gal \$100.00 /gal

Pallet (144 gal) \$97.50 /gal

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

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, TX --

216+ oz (12 - 18 oz bags)	\$6.25 /oz
20+ lb 5 lb bags	\$87.00 /lb
60+ lb 5 lb bags	\$85.00 /lb
200+ lb 5 lb bags	\$82.00 /lb

Larger quantities - Call for quote

Perma-Guard OR GRAIN OR SEED STORAGE INSECTICIDE D-10

Diatomaceous Earth

Controls pests in grain storage.

Direct Ship Only
-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.51 /lb
13+ Pallets	\$0.41 /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

150+ lb	\$7.00 /lb
750+ lb	\$6.75 /lb
Pallet (30 lb bags)	\$6.25 /lb

Larger Quantities - Call for quote

United Phosphorus, Inc OR MICROTHIOL DISPERSS

Micronized Wettable Sulfur
Fungicide, Miticide
Water Dispersible Granule

-- FOB EO Warehouse, Texas --

30+ lb	Quote /lb
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.

-- FOB EO Warehouse, Texas --

1 gal	\$293.00 /gal
4+ gal	\$290.00 /gal

Larger quantities - Call for quote

Valent OR DIPEL DF (Bt)

Bacillus thuringiensis
kurstaki strain ABTS-351

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

-- FOB EO Warehouse, Texas --

Clearance pricing on 1 lb packaging 10 (1 lb) available @ \$12.00 /lb	
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5+ lb	\$16.00 /lb
30+ lb	\$15.50 /lb
150+ lb	\$15.00 /lb
Pallet (630 lb)	\$14.25 /lb

Larger Quantities - Call for quote

Valent

OR XENTARI (Bt)

Bacillus thuringiensis
aizawai strain ABTS-1857

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

-- FOB EO Warehouse, Texas --

5+ lb	\$20.50 /lb
30+ lb	\$20.00 /lb
150+ lb	\$19.00 /lb
Pallet (630 lb)	\$18.00 /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
22 gal available @ \$165.00 /gal

1 gal	\$209.50 /gal
4+ gal	\$202.50 /gal
20+ gal	\$200.00 /gal
80+ gal	\$198.00 /gal
Pallet (144 gal)	\$196.00 /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

-- FOB Texas --

1 gal	\$630.00 /gal
2+ gal	\$609.00 /gal
6+ gal	\$602.00 /gal
20+ gal	\$589.00 /gal

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES,

H2O2/PAA

The products in this category 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.

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 soon after treatment with Peroxide/PAA products.

Direct Ship Only

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

2.5 gal	\$32.00 /gal
5+ gal	\$31.00 /gal
Drum - 30 gal	\$30.00 /gal
Drum - 55 gal	\$29.50 /gal
Drums 4-55 gal	\$28.50 /gal
Pallet Tank	\$28.00 /gal

Larger quantities - Call for quote

These useful and versatile H2O2 products are also quite 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!*

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	\$21.00 /gal
Drum - 54 gal	\$19.50 /gal
Drums 4-54 gal	\$19.00 /gal
Pallet Tank	\$18.50 /gal

Larger Quantities - Call for quote

Plant Protection

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

WEED CONTROL

JH Biotech

OR **WEED ZAP**

Cinnamon Oil-Based
Non-selective herbicide
Effective on plants 4" in height or less.

Direct Ship Only

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

20+ gal	\$70.00 /gal
80+ gal	\$67.00 /gal
Pallet (180 gal)	\$60.00 /gal
Pallet Tank	\$58.00 /gal

Larger Quantities - Call for quote

Fleischmann's Vinegar

OR **VINAGREEN**

20% White Vinegar
WSDA certified as Herbicide

-- FOB EO Warehouse, Texas --

55 gal	\$8.05 /gal
220 gal	\$7.75 /gal

-- FOB Mfr, AL / MO / CA --

Drums 4-55 gal **Quote /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
Kills all sizes of grasses and broadleaf
down to roots through the action of
clove oil extracts (eugenol).

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

2 qt KITT

9 KITTs available @ \$40.00 /qt

2 gal KITT

4 KITTs available @ \$75.00 /gal

5 gal KITT

14 KITTs available @ \$65.00 /gal

See Clearance page for more info

Certis

OR **HOME PLATE**

Total Vegetation Killer
Fast Acting, Kills within Hours.
Contact Spray to Burndown Weeds.
Non-Systemic and Non-Selective.

-- FOB EO Warehouse, Texas --

2.5 gal	\$79.00 /gal
5+ gal	\$76.00 /gal
20+ gal	\$74.00 /gal
80+ gal	\$72.00 /gal
Pallet (180 gal)	\$70.00 /gal
Pallet Tank	\$67.50 /gal

Larger Quantities - Call for quote

ENVIRONMENTAL STRESS

Sipcam/Advan

° **COCOON**

Sprayable Kaolinite

Now available in 25 lb bags

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

Clearance Price on In-Stock Inventory

900 lb available @ \$0.50 /lb

See Clearance page for more info

-- 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

-- FOB EO Warehouse, Texas

Drum - 55 gal	\$32.00 /gal
220 gal (in drums)	\$27.00 /gal

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 --

2.5 gal	\$40.00 /gal
5 gal	\$37.00 /gal
Drum - 30 gal	\$34.00 /gal
Drum - 55 gal	\$30.00 /gal
Drums 4-55 gal	\$29.00 /gal
Pallet Tank	\$28.00 /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	\$21.00 /gal
Drum - 54 gal	\$19.50 /gal
Drums 4-54 gal	\$19.00 /gal
Pallet Tank	\$18.50 /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	\$22.00 /gal
Drum - 54 gal	\$21.00 /gal
Drums 4-54 gal	\$20.50 /gal
Pallet Tank	\$19.75 /gal

Larger Quantities - Call for quote

Jet Harvest Solutions

°JET OXIDE - 5%

Post Harvest Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms.

Direct Ship Only
-- FOB Mfr, MO --

Drums 5-30 gal	\$22.00 /gal
Drums 4-55 gal	\$21.00 /gal
Pallet Tank	\$20.00 /gal

Larger Quantities - Call for quote

Jet Harvest Solutions

°JET OXIDE - 15%

Post Harvest Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms.

Direct Ship Only
-- FOB Mfr, Various --

Drums 5-30 gal	\$23.00 /gal
Drums 4-55 gal	\$22.00 /gal
Pallet Tank	\$21.00 /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.

-- FOB EO Warehouse, Texas --

50+ lb	\$0.30 /lb
250+ lb	\$0.28 /lb
1000+ lb	\$0.27 /lb
Pallet (50 lb bags)	\$0.26 /lb

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

OR **99.5% ELEMENTAL SULFUR**

Pastille Sulfur

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

-- 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	\$12.25 /gal
Drum - 55 gal	\$11.50 /gal
Drums 4-55 gal	\$10.50 /gal
Pallet Tank	\$8.25 /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

105 gal available @ \$30.00 /gal
See Clearance page for more info

-- FOB Mfr, UT --

Pallet (180 gal)	\$42.00 /gal
Pallet Tank	\$40.00 /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 case	\$22.00 /gal
20+ gal	\$21.50 /gal
80+ gal	\$20.75 /gal

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

20+ gal	\$20.50 /gal
80+ gal	\$19.75 /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

oNATURAL MINERAL SALT

Trace mineral source for livestock
and crops - over 50 minerals

-- FOB EO Warehouse, Texas --

50+ lb	\$0.31 /lb
250+ lb	\$0.30 /lb
1000+ lb	\$0.29 /lb
Pallet (50 lb bags)	\$0.27 /lb

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.12 /lb
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Larger Quantities - Call for quote

Redmond

oNATURAL MINERAL SALT BLOCKS

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

-- FOB EO Warehouse, Texas --

44+ lb	\$0.35 /lb
220+ lb	\$0.34 /lb
1100+ lb	\$0.33 /lb
Pallet (44 lb blocks)	\$0.31 /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

-- FOB EO Warehouse, Texas --

50+ lb	\$0.37 /lb
250+ lb	\$0.36 /lb
1000+ lb	\$0.34 /lb
Pallet (50 lb bags)	\$0.32 /lb

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.17 /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

-- FOB EO Warehouse, Texas --

44+ lb	\$0.47 /lb
220+ lb	\$0.45 /lb
1100+ lb	\$0.43 /lb

-- FOB Mfr, TX --

1100+ lb	\$0.36 /lb
Pallet (44 lb bags)	\$0.35 /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	\$0.95 /lb
250+ lb	\$0.88 /lb
1000+ lb	\$0.80 /lb

-- FOB Mfr, TX --

1000+ lb	\$0.64 /lb
Pallet (50 lb bags)	\$0.62 /lb

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.43 /lb
13+ Pallets	\$0.32 /lb
Van Truckload	\$0.28 /lb

Larger Quantities - Call for quote

Restora Life

OR MRX

Granular

Natural clay-based
trace mineral supplement.

Direct Ship Only

-- FOB Mfr, MS --

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

Larger Quantities - Call for quote

Tidal Organics

oKELP MEAL

Feed supplement,
Animal Health supplement

-- FOB EO Warehouse, Texas --

50+ lb	\$2.80 /lb
250+ lb	\$2.65 /lb
1000+ lb	\$2.50 /lb

-- FOB Mfr, TX --

1000+ lb	\$2.25 /lb
Pallet (50 lb bags)	\$1.70 /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.

-- FOB Mfr, NE --

Drum - (55 gal)	\$7.35 /gal
Drums (4-55 gal)	\$6.85 /gal
Pallet Tank (275 gal)	\$6.60 /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)

-- FOB Mfr, NE --

Drum - (55 gal)	\$4.85 /gal
Drums (4-55 gal)	\$4.55 /gal
Pallet Tank (275 gal)	\$4.30 /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

**ORGANIC
APPLE CIDER VINEGAR
6% (60 grain)**

Organic

Raw, unfiltered apple cider,
Animal health supplement.

-- 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)

-- 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

Soil Mender

◦EARTHWORM CASTINGS

-- FOB EO Warehouse, Texas --

40+ lb	\$1.20 /lb
400+ lb	\$1.15 /lb
1000+ lb	\$1.10 /lb

-- FOB Mfr, TX --

1000 lb	\$0.97 /lb
Pallet (40 lb bags)	\$0.80 /lb
Pallet (super bag)	\$0.50 /lb

Larger Quantities - Call for quote

Ferti-Organic

◦FERTI-NEEM CAKE

Neem Cake 100%

Azadirachtin 1000 ppm

Mix in the soil and around plants to
increase resistance to pathogens,
aerate soil and enrich soil nutrients, and
encourage growth of beneficial flora.

-- FOB EO Warehouse, Texas --

50+ lb	\$3.65 /lb
250+ lb	\$3.55 /lb
1000+ lb	\$3.40 /lb
Pallet (50 lb bags)	\$3.20 /lb

Larger Quantities - Call for quote

DPH Biologicals

◦RESIDUCE 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	\$135.00 /lb
5+ lb	\$115.00 /lb
10+ lb	\$102.00 /lb
30+ lb	\$97.00 /lb

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..

**Not allowed for Organic Animal
Supplement**

Direct Ship Only

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

4 Pallet Tanks	Quote /ton
1/2 Bulk Truckload	Quote /ton
Bulk Truckload	Quote /ton

Larger Quantities - Call for quote