

Earthwise Organics, Inc.

AGRICULTURE PRODUCT LIST – October 2021

To Our Customers:

This has been an interesting growing season. From historic freezes to persistently overly soggy weather to major drought to labor shortages, most areas of the country have experienced an abundance of challenges this year. Fortunately, commodity and specialty crop prices are trending up! Unfortunately, ag chemical prices are trending up as well! Here at Earthwise we have seen prices rise 5-10% on most of our plant protection products, although a few have risen higher due to specific supply chain issues. A bright point is that our biological soil and plant amendments have had only very small price increases, if any. As this summer growing season limps to a close, the planning ramps up to take advantage of higher prices for next year's crop. Meanwhile, the southern winter vegetable season is well into planting.

In spite (or maybe because) of all the challenges, life and work go on and Earthwise is proud to be able to continue its mission to serve farmers (and other growers) of all sizes and categories - from row crops to vegetables and beyond! Or as we like to say, "from **Alfalfa to Zucchini**"! Our "mission" requires us to handle and stock a *very* wide variety of products (180+) in this catalog! Our "wayback" decision to stock this wide variety of products allows us to *respond quickly* to the needs of customers of any size, especially important when it comes to plant protection. It also makes it possible to serve our smaller customers more efficiently - they have the ability to pick up a few bags of various products and combine them on a pallet for a significant savings in product and shipping costs. And our expanded "direct ship" options are an important money and time saver for all. With our customer base growing across the U.S., additional shipping options help with product costs, freight costs, and very importantly - transit times.

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

And you don't want to neglect the **Clearance Page** at the end of the catalog 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!

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

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.

SERVICE AREAS	CONTACT
NATIONWIDE	THOMAS HARR (OFFICE HQ) 956.207.0500
OFFICE: 13081 SH 172 in La Ward, Texas	office@earthwiseagriculture.net

Don't forget to check out our website for product info and much more: <https://earthwiseagriculture.net>
Call for Quote on Larger Quantities - Prices Subject to Change - All Orders Subject to Shipping Charges

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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	\$3.50 /lb
250+ lb	\$2.75 /lb
1000+ lb	\$2.55 /lb
Pallet (50 lb bags)	\$2.35 /lb

Larger Quantities - Call for quote

Ferti-Organic

°FULVIC PLUS

Soluble Powder, 90% Fulvic Acid

For use in the soil or as foliar adjuvant

-- FOB EO Warehouse, Texas --

50+ lb	\$3.75 /lb
250+ lb	\$3.25 /lb
1000+ lb	\$3.00 /lb
Pallet (50 lb bags)	\$2.75 /lb

Larger Quantities - Call for quote

JH Biotech

°FULMAX

3% Fulvic Acid

For use in the soil or as foliar adjuvant

-- FOB EO Warehouse, Texas --

2.5+ gal	\$19.00 /gal
5+ gal	\$18.25 /gal
20+ gal	\$17.50 /gal
80+ gal	\$17.00 /gal

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

20+ gal	\$16.65 /gal
80+ gal	\$16.25 /gal
Pallet (180 gal)	\$14.00 /gal

Larger Quantities - Call for quote

LignoTech USA

°BORREGRO HA-2

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr, WI --

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

Larger Quantities - Call for quote

JC Smith Co.

°LIQUID HUMATE

Concentrated, 16% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

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

400 lb available @	\$4.50 /lb
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See Clearance page for more info

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

Mesa Verde

°MV SOLUBLE POWDER

80% Humic Acid - Water Soluble

2200 lb pallet makes 1300+ gal

15% Humic Acid Solution

Direct Ship Only

-- FOB Mfr, NM --

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

Mesa Verde

°DRY HUMATES

Natural deposit out of New Mexico.

Reduces compaction, Improves soil tilth and nutrient holding capacity.

Stimulates soil microbial life.

Aids in sodium buffering.

AG GRADE (-1/4" Chip)

Direct Ship Only

-- FOB Mfr, NM --

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

Larger Quantities - Call for quote

GREENS GRADE (1-2 mm)

Direct Ship Only

-- FOB Mfr, NM --

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

Larger Quantities - Call for quote

Additional Mesa Verde

Products Available

See Website Notes for more info

Custom Screening and
Various Particle Sizes Possible

Direct Ship Pallet Quantities Only -

-- FOB Mfr, NM --

JH Biotech

°HUMAX

12% Humic Acid

For use in the soil or as foliar adjuvant

-- FOB EO Warehouse, Texas --

2.5+ gal	\$12.00 /gal
5+ gal	\$11.50 /gal
20+ gal	\$11.00 /gal
80+ gal	\$10.50 /gal

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

20+ gal	\$10.00 /gal
80+ gal	\$9.75 /gal
Pallet (180 gal)	\$8.00 /gal

Larger Quantities - Call for quote

Soil Amendments

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

MICROBES AND

MICROBIAL FOOD SOURCES

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

Douglas Plant Health

°SP-1

Microbial Inoculant

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

Douglas Plant Health

°MVP

Microbial Inoculant

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

NRG

OR **NATURE'S SOLUTION**

Liquid Mineral Complex

Stimulates microbial activity, rooting, and plant vigor.

Derived from microbially digested chicken manure solution

-- FOB EO Warehouse, Texas --

Pallet Tank	\$3.95 /gal
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-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

Nature's Source

°PLANT BIOTIK

Biofertilizer

Live Beneficial Bacteria

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

Direct Ship Only

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

Agro Research

°AGRO GOLD SD

Biological Amendment

Streptomyces rimosus

Bacillus megaterium

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, FL --

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

Larger Quantities - Call for quote

Having abundant Organic

Residue to return to the soil is usually highly desirable for 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.

Yet, too much leftover residue at planting time can be a real problem. This can happen after a good corn crop, a cover crop, or in a rapid succession of vegetable plantings.

Residue WS (below) is formulated to quickly and efficiently break down

Organic Residue (ok) into Organic Matter (great!).

Douglas Plant Health

°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

Usage Rates: 1 - 3 oz/ acre

Amount of product used is dependent on crop residue amount and rate of decomposition desired

Direct Ship Only

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

Soil Amendments

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

MICROBES AND MICROBIAL

FOOD SOURCES

(cont)

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

liquid fish, humic acids, etc, and
especially

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

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

NRG

◦WAKE-UP ORGANO

Soluble Microbial Food

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

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

Direct Ship Only
-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

NRG

◦ACTIVATE SERIES

WATER SOLUBLE MICROBES

INDIVIDUAL BACTERIA SPECIES AND BLENDS

◦ACTIVATE - PMSLA

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

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

◦ACTIVATE - NF

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

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

◦ACTIVATE - A1005

Bacillus Subtilis

◦ACTIVATE - A2004

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

◦ACTIVATE - A2005

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

Direct Ship Only
-- FOB Mfr, CA --

1+ lb
20+ lb
100+ lb

Call for Quote

NRG

◦ACTIVATE SERIES

WATER SOLUBLE MICROBES

COMBINED WITH

WAKEUP ORGANO (WUO)

INDIVIDUAL BACTERIA SPECIES AND BLENDS

MIXED WITH PROPRIETARY
SOLUBLE FOOD SOURCES

◦ACTIVATE PMSLA + WUO

5 bacillus species blend of
bacteria spores

◦ACTIVATE NF + WUO

4 bacillus species blend of
bacteria spores

◦ACTIVATE - A1005 + WUO

Bacillus Subtilis

◦ACTIVATE - A2004 + WUO

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

◦ACTIVATE - A2005 + WUO

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

Direct Ship Only

-- FOB Mfr, CA --

5 lb (bucket) \$40.00 /lb
31.8 lb (bucket) \$34.00 /lb
159 lb (5 buckets) \$31.50 /lb
1000+ lb \$29.50 /lb

Larger Quantities - Call for quote

Soil Amendments

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

WETTING AGENTS AND SURFACTANTS

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

Diamond K AQUA DRIVE

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

Not allowed for Organic Use

**-- FOB EO Warehouse, Texas
Clearance Pricing
on In-Stock Inventory**

70 gal available @ \$36.00 /gal
See Clearance page for more info

-- FOB Mfr, UT --

Pallet (180 gal) \$34.50 /gal
Pallet Tank \$31.50 /gal
Larger Quantities - Call for quote

JH Biotech MIXWELL

40.0%

B-Hydroxytricarballic acid

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

-- FOB EO Warehouse, Texas --

2.5 gal \$20.50 /gal
5+ gal \$19.00 /gal
20+ gal \$18.50 /gal
80+ gal \$17.75 /gal

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

20+ gal \$17.75 /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
Facilitates nutrient & water absorption

-- FOB EO Warehouse, Texas --

2.5 gal \$22.00 /gal
5+ gal case \$20.50 /gal
20+ gal \$19.25 /gal
80+ gal \$18.50 /gal

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

20+ gal \$18.50 /gal
80+ gal \$17.75 /gal
Pallet (180 gal) \$16.25 /gal
Larger Quantities - Call for quote

Brandt Organics

AG-AIDE

Yucca Extract

100% Yucca
Natural, non-ionic surfactant

**Clearance Pricing
on In-Stock Inventory**

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

-- FOB Mfr, CA / IL --

20+ gal \$103.00 /gal
80+ gal \$96.50 /gal
Pallet (144 gal) \$89.50 /gal
Larger Quantities - Call for quote

Big Problem:

Poor internal drainage of the soil.

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

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

A Partial Solution

Wetting agents and/or surfactants

(←see products to left)

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

Soil Amendments

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

MINERALS

CALCIUM AND SULFUR

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

°90% SOIL SULFUR

Pastille Sulfur

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

-- FOB EO Warehouse, Texas --

50+ lb	\$0.55 /lb
250+ lb	\$0.50 /lb
1000+ lb	\$0.46 /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

OR 99.5% ELEMENTAL SULFUR

Pastille Sulfur

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

Direct Ship Only

-- FOB Mfr, TX (Martin) --

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

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

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

Larger Quantities - Call for quote

Diamond K

°GYPSUM

SOLUTION GRADE 97

Calcium Sulfate

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

Calcium Products

°SUPER CAL 98G

Pelletized Limestone

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

Direct Ship Only

-- FOB Mfr, IA --

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

Larger Quantities - Call for quote

Seed and Seed Trench Treatments

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

Douglas Plant Health

°BAC-PAC SEED TREAT

Planter Box Treatment

Biostimulating bacterial formulation - enhances root zone environment

Direct Ship Only

-- FOB Mfr, IL --

30+ lb	\$28.00 /lb
150+ lb	\$27.00 /lb
900+ lb	\$26.00 /lb

Larger Quantities - Call for quote

Douglas Plant Health

°MYCO SEED TREAT

Planter Box Treatment

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

CR Brown

°BROWN'S FISH HYDROLYSATE

2 - 3 - 1

Cold processed hydrolysate

Natural plant and microbe food

Containing all original fish oils, proteins, and calcium sources.

Promotes microbial growth and diversity

Good source of available phosphate for early root growth

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, NC --

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

Soil Mender

°EARTHWORM CASTINGS

-- FOB EO Warehouse, Texas --

40+ lb	\$1.15 /lb
400+ lb	\$1.10 /lb
1000+ lb	\$1.05 /lb

-- FOB Mfr, TX --

1000 lb	\$0.94 /lb
Pallet (40 lb bags)	\$0.80 /lb
Pallet (super bag)	\$0.77 /lb

Larger Quantities - Call for quote

Douglas Plant Health

°SP-1

Microbial Inoculant

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

Douglas Plant Health

°MVP

Microbial Inoculant

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

JH Biotech

°SOLUPHOS SP

Microbial Inoculant

Phosphate Solubilizing Bacteria

Bacillus licheniformis

Pseudomonas putida

Direct Ship Only

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

Seed and Seed Trench Treatments

Myco Apply

◦ENDO MYCORRHIZAE

FUNGAL SPECIES

Symbiotic with Plant Roots

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

◦GRANULAR ENDO

4 species blend

For soil or media application

Direct Ship Only

-- FOB CA --

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

◦ULTRAFINE ENDO

4 species blend

For dry or liquid application

Easily suspendable in water with minimal agitation

Direct Ship Only

-- FOB CA --

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

◦ENDO MAXX

4 species blend

Concentrated wettable powder

10 grams treats approx 2.5 acres

1 bag treats approx 40 acres

Direct Ship Only

-- FOB CA --

1 bag (160 gm)	\$643.00 /bag
2 bags (320 gm)	\$636.00 /bag
4 bags (640 gm)	\$629.00 /bag
10 bags (1600 gm)	\$622.00 /bag

Myco Apply

◦ENDO / ECTO

MYCORRHIZAE

FUNGAL SPECIES

Symbiotic with Plant Roots

Appropriate for conifers, oaks, pecans, others.

◦GRANULAR ENDO / ECTO

4 Endo / 7 Ecto Species

For soil or media application

Direct Ship Only

-- FOB CA --

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

◦ULTRAFINE ENDO / ECTO

4 Endo / 7 Ecto Species

For any dry or liquid application

Easily suspendable in water with minimal agitation

Direct Ship Only

-- FOB CA --

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

◦SOLUBLE MAXX

ENDO / ECTO

9 Endo / 10 Ecto Species

w/ Kelp and Humic Acid

Water soluble Soil Drench w/specially blended amendments.

Direct Ship Only

-- FOB CA --

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

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

A plant "infected" with mycorrhizal fungi will receive nutrients and water from a larger volume of soil -

It will also receive more nutrients even from within the "normal" root mass of the soil.

*This is because the mycorrhizal fungi hyphae explore much more of the soil area **between the root hairs** of the plant, making fuller use of applied and existing soil nutrients before they are carried away from the root area by leaching, volatilization, and "tie-up".*

See earthwiseagriculture.net for more info on the many benefits of mycorrhizal fungi to both plants and soils.

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

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

SQM **OR ALLGANIC** **NITROGEN PLUS**

15-0-2

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

-- FOB EO Warehouse, Texas --

50+ lb (/lb)	\$0.80 /lb
250+ lb (/lb)	\$0.71 /lb
1000+ lb (/lb)	\$0.69 /lb

FOB Mfr,

-- OK / DE / CA / GA --

Pallet (50 lb bags)	\$0.57 /lb
2645 lb Super Bag	\$0.54 /lb
3+ Super Bags	\$0.53 /lb

Larger Quantities - Call for quote

NRG

°ACTIVATE NF WITH **WAKE-UP ORGANO**

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

Direct Ship Only

-- FOB Mfr, CA --

5 lb (bucket)	\$40.00 /lb
31.8 lb (bucket)	\$34.00 /lb
159 lb (5 buckets)	\$31.50 /lb
1000+ lb	\$29.50 /lb

Larger Quantities - Call for quote

Ferti-Organic

°NITRO PLUS

13.62-0-0

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

-- FOB EO Warehouse, Texas --

50+ lb (/lb)	\$4.50 /lb
250+ lb (/lb)	\$4.25 /lb
1000+ lb (/lb)	\$4.05 /lb
Pallet (50 lb bags)	\$3.80 /lb

Larger Quantities - Call for quote

Darling Ingredients

°NATURE SAFE **BLENDING BASE 13-0-0**

13% slow release N (Pellets)

Hydrolyzed feather, meat, and blood meal.

Direct Ship Only

-- FOB Mfr, KY --

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

Larger Quantities - Call for quote

Darling Ingredients

°NATURE SAFE **10-2-8 COARSE GRADE**

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

Direct Ship Only

-- FOB Mfr, KY --

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

Larger Quantities - Call for quote

HE Ranch

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

Liquid Chicken Manure

Stimulates rooting, plant vigor, and microbial activity

Derived from microbially digested chicken manure solution

Direct Ship Only

-- FOB Mfr, AZ --

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

Larger Quantities - Call for quote

CR Brown

°BROWN'S FISH **HYDROLYSATE**

2 - 3 - 1

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, NC --

80+ gal	\$8.25 /gal
Pallet (180 gal)	\$7.75 /gal
Drum - 55 gal	\$4.75 /gal
Drums 4-55 gal	\$4.40 /gal
Pallet Tank (260 gal)	\$4.00 /gal
1040 gal (4 totes)	\$3.75 /gal
2600 gal (10 totes)	\$3.50 /gal
4680 gal (18 totes)	\$3.30 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(CONT)

JH Biotech

°AQUA POWER 5-1-1

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

-- FOB EO Warehouse, Texas --

Clearance Pricing on

In-Stock Inventory

20 gal available @ \$13.00 /gal

See Clearance page for more info

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

20+ gal \$13.30 /gal

80+ gal \$12.85 /gal

Pallet (180 gal) \$11.35 /gal

Drum - 55 gal \$11.00 /gal

Drums 4-55 gal \$10.50 /gal

Pallet Tank (250 gal) \$10.90 /gal

Larger Quantities - Call for quote

Nature's Source

°ORGANIC PLANT FOOD

3-1-1

Derived from fermented oilseed extract

Appropriate for continuous feed (hydroponic) and for field crops

-- FOB EO Warehouse, Texas --

2.5 gal \$12.00 /gal

5+ gal \$11.50 /gal

4.7+ gal \$10.50 /gal

20+ gal \$10.50 /gal

80+ gal \$10.25 /gal

55 gal \$9.25 /gal

-- FOB Mfr, TX --

80+ gal \$9.50 /gal

Pallet (180 gal) \$8.75 /gal

Drum - 55 gal \$8.75 /gal

Drums 4-55 gal \$8.00 /gal

Pallet Tank (275 gal) \$7.75 /gal

Larger Quantities - Call for quote

Dramm Corp

OR°DRAMMATIC "ONE" LIQUID FISH

4 - 4 - 0.5

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

Direct Ship Only

-- FOB Mfr, IL --

Pallet Tank \$10.15 /gal

1000 gal (in totes) \$9.80 /gal

Larger Quantities - Call for quote

Albion

METALOSATE NPK

Metalosate NPK 4-17-17

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

Not allowed for Organic Use

-- FOB EO Warehouse, Texas --

Clearance Pricing on

In-Stock Inventory

20 gal available @ \$30.00 /gal

See Clearance page for more info

-- FOB Mfr, CA / UT --

20+ gal \$31.00 /gal

80+ gal \$30.25 /gal

Pallet (180 gal) \$29.50 /gal

Larger Quantities - Call for quote

Summit Gold

°GENESYS N-FORCE 8-0-0

Liquid formulation of nutrients derived from plant protein hydrolysate

100% derived from L-amino acids

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

-- FOB EO Warehouse, Texas --

2.5 gal \$23.50 /gal

5+ gal \$22.50 /gal

20+ gal \$21.75 /gal

80+ gal \$21.25 /gal

-- FOB Mfr, TX --

Pallet (180 gal) \$16.50 /gal

Pallet Tank (265 gal) \$13.75 /gal

Larger Quantities - Call for quote

Nature's Source

NURSERY AND SPECIAL PLANT FOOD

10-4-5

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

Also contains secondary micronutrients along with calcium and magnesium. Far lower salt index than most commonly used water-soluble fertilizers.

Not allowed for Organic Use

Direct Ship Only

-- FOB Mfr, TX --

80+ gal \$8.75 /gal

Pallet (180 gal) \$8.25 /gal

Drum - 55 gal \$6.00 /gal

Drums 4-55 gal \$5.50 /gal

Pallet Tank (275 gal) \$5.25 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

CHICKEN MANURE PRODUCTS

HE Ranch

FOB Arizona

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

◦**THE FARMS CHOICE 4-2-2**

Chicken Manure **Pellets**

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

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

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

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

Larger Quantities - Call for quote

Heat Treated Chicken Manure

A meal-type product - can be dusty

Direct Ship Only

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

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

Larger Quantities - Call for quote

◦**THE FARMS CHOICE 6-2-2** **+ 8% CALCIUM**

Chicken Manure **Pellets**

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

50+ lb (/lb)	\$0.63 /lb
250+ lb (/lb)	\$0.58 /lb
1000+ lb (/lb)	\$0.53 /lb

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

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

Larger Quantities - Call for quote

Heat Treated Chicken Manure

A meal-type product - can be dusty

Direct Ship Only

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

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

Larger Quantities - Call for quote

◦**THE FARMS CHOICE 8-2-2** **+ 8% CALCIUM**

Chicken Manure **Pellets**

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

50+ lb (/lb)	\$0.70 /lb
250+ lb (/lb)	\$0.63 /lb
1000+ lb (/lb)	\$0.58 /lb

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

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

Larger Quantities - Call for quote

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

Fine **Meal** Consistency

Quickly breaks down with watering

Direct Ship Only

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

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

Quotes for Larger Quantities Available

Fassio Farms

FOB Utah

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

Pelletized Chicken Manure

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

Direct Ship Only

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

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

Larger Quantities - Call for quote

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

Granulated Chicken Manure

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

Direct Ship Only

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

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

Larger Quantities - Call for quote

Cold Spring Egg Farm

FOB Wisconsin

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

◦**CM 4-3-2** **+ 9% CALCIUM** **Granular**

Direct Ship Only

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

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

◦**CM 4-3-2** **+ 9% CALCIUM** **Pelletized**

Direct Ship Only

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

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

◦**CM 5-3-2** **+ 9% CALCIUM** **Granular**

Unavailable until Fall 2022

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

Larger Quantities - Call for quote

◦**CM 5-3-2** **+ 9% CALCIUM** **Pelletized**

Unavailable until Fall 2022

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(CONT)

Diamond K **°POTASSIUM SULFATE**

0-0-50

Water Soluble, Fine Powder

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

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

0-0-52

Water Soluble, Fine Powder

Direct Ship Only

FOB Mfr,

-- OK / DE / CA / GA --

Pallet (50 lb bags)	\$0.64 /lb
2645 lb Super Bag	\$0.63 /lb
3+ Super Bags	\$0.61 /lb

Larger Quantities - Call for quote

Intrepid **OR POTASH**

Muriate of Potash 0-0-60

Potassium Chloride

Granular - SGN 290 (2.9 mm)

Direct Ship Only

-- FOB Mfr, UT --

5+ Super Bags	Quote /lb
10+ Super Bags	Quote /lb
Bulk Truckload	Quote /lb

Larger Quantities - Call for quote

Albion

°METALOSATE POTASSIUM

Amino Acid Chelated

Water Soluble

3.0% N; 35.0% K (Potash)

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, UT / CA --

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

Larger Quantities - Call for quote

Fertoz

°ROCK PHOSPHATE + SULFUR BLEND

180 or 240 SGN Granular

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

Direct Ship Only

-- FOB Mfr, ID --

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

Larger Quantities - Call for quote

Diamond K

°KMS

0-0-22-11Mg-22S

Potassium-Magnesium Sulfate

Very Fine, Water Soluble Powder

Note: Short Storage Life in High Humidity Areas

Direct Ship Only

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

Intrepid **°TRIO**

Organic K-Mag

0-0-22-11Mg-22S

Potassium-Magnesium Sulfate

Granular - SGN 260 (2.6 mm)

Direct Ship Only

-- FOB Mfr, NM --

5+ Super Bags	Quote /lb
10+ Super Bags	Quote /lb
Bulk Truckload	Quote /lb

Larger Quantities - Call for quote

Direct Ship Only

-- FOB Mfr, IL --

5+ Super Bags	Quote /lb
10+ Super Bags	Quote /lb
Bulk Truckload	Quote /lb

*Call for status of availability
of bagged product*

Standard - SGN 105 (1.05 mm)

Direct Ship Only

-- FOB Mfr, NM --

5+ 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 --

5+ Super Bags	Quote /lb
10+ Super Bags	Quote /lb
Bulk Truckload	Quote /lb

Larger Quantities - Call for quote

Compass Minerals

°PROTASSIUM+

0-0-50 Plus 17% Sulfur

Organic Ag Gran (310 SGN)

Direct Ship Only

-- FOB Mfr, UT / IL --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

PHOSPHORUS

Fertoz

°**ROCK PHOSPHATE**

0-7-0

Calcium Phosphate

50 - 150 Mesh (Powdered)

Direct Ship Only

-- FOB Mfr, ID --

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

Larger Quantities - Call for quote

325 Mesh Micronized

Direct Ship Only

-- FOB Mfr, ID --

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

Larger Quantities - Call for quote

180 or 240 SGN Granular

Direct Ship Only

-- FOB Mfr, ID --

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

Larger Quantities - Call for quote

Soda Springs

°**SOFT ROCK PHOSPHATE**

20% Calcium, 20% Phosphate

Prilled using a Molasses Binder

Direct Ship Only

-- FOB Mfr, ID --

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

Larger Quantities - Call for quote

Soluphos SP (below) is not a phosphorous fertilizer, but it contains phosphorous solubilizing organisms that can help make the native 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.

JH Biotech

°**SOLUPHOS SP**

Microbial Inoculant

Phosphate Solubilizing Bacteria

Bacillus licheniformis

Pseudomonas putida

Direct Ship Only

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS

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

JH Biotech

°NATURAL WET

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

-- FOB EO Warehouse, Texas --

2.5 gal	\$22.00 /gal
5+ gal case	\$20.50 /gal
20+ gal	\$19.25 /gal
80+ gal	\$18.50 /gal

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

20+ gal	\$18.50 /gal
80+ gal	\$17.75 /gal
Pallet (180 gal)	\$16.25 /gal

Larger Quantities - Call for quote

Brandt Organics

°AG-AIDE

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

-- FOB EO Warehouse, Texas --

Clearance Price

on In-Stock Inventory

60 gal available @ \$75.00 /gal

See Clearance page for more info

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

Brandt

OR°SUPER WETTER

Organosilicone Surfactant

Highly concentrated, especially effective
for low-volume spraying

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

Mesa Verde

°MV SOLUBLE POWDER

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

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

Direct Ship Only

-- FOB Mfr, TX --

Pallet (55 lb bags) \$2.75 /lb

Larger Quantities - Call for quote

NRG

°POWER K HUMIC ACID

Soluble Powder

55% Humic, 30% Fulvic

For use in the soil or as foliar adjuvant

-- FOB EO Warehouse, Texas --

Clearance Price

on In-Stock Inventory

400 lb available @ \$4.50 /lb

See Clearance page for more info

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

Ferti-Organic

°SOLUBLE HUMIC ACID

Soluble Powder

60% Humic Acid; 7% Potash

Use in the soil or as foliar adjuvant

-- FOB EO Warehouse, Texas --

50+ lb	\$3.50 /lb
250+ lb	\$2.75 /lb
1000+ lb	\$2.55 /lb
Pallet (50 lb bags)	\$2.35 /lb

Larger Quantities - Call for quote

Ferti-Organic

°FULVIC PLUS

Soluble Powder

90% Fulvic Acid

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

-- FOB EO Warehouse, Texas --

50+ lb	\$3.75 /lb
250+ lb	\$3.25 /lb
1000+ lb	\$3.00 /lb
Pallet (50 lb bags)	\$2.75 /lb

Larger Quantities - Call for quote

LignoTech USA

°BORREGRO HA-2

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr, WI --

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

Larger Quantities - Call for quote

JC Smith Co.

°LIQUID 16% HUMIC ACID

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

Direct Ship Only

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS (cont)

Brandt Organics

OR SKH STICKER

Bentonite, Lactose and Casein

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

Ferti-Organic

o KARANJA OIL

Cold Pressed Karanja Oil

Adjuvant - Improves Efficacy of Neem Oil and other Pesticides

-- FOB EO Warehouse, Texas --

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

Larger Quantities - Call for quote

JH Biotech

OR BIOREPEL

Penetrant

Assists nutrient movement across the leaf membrane in foliar applications

Also see in Plant Protection

-- FOB EO Warehouse, Texas --

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

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

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

Larger Quantities - Call for quote

JH Biotech

o 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	\$20.50 /gal
5+ gal	\$19.00 /gal
20+ gal	\$18.50 /gal
80+ gal	\$17.75 /gal

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

20+ gal	\$17.75 /gal
80+ gal	\$17.00 /gal
Pallet (180 gal)	\$15.00 /gal

Larger Quantities - Call for quote

Agro Research

o ORGANIC CITRIC ACID

10% - For water pH adjustment

Adjusts water pH levels as required for certain tank mixes

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, FL --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS TRACE MINERALS

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

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

Calcium Sulfate

Water Soluble Powder; Can be Applied
Through Drip or Pivot

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

Calcium Products

°SUPER CAL 98G

Pelletized Limestone

98% pure calcitic limestone

Calcium source and pH adjuster

Direct Ship Only

-- FOB Mfr, IA --

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

Larger Quantities - Call for quote

°90% SOIL SULFUR

Pastille Sulfur

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

SEE PAGE 6 FOR pH ADJUSTMENT DESCRIPTION

-- FOB EO Warehouse, Texas --

50+ lb	\$0.55 /lb
250+ lb	\$0.50 /lb
1000+ lb	\$0.46 /lb

-- FOB Mfr, TX (Martin) --

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

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

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

Larger Quantities - Call for quote

°MAGNESIUM SULFATE

Epsom Salt

Water Soluble Magnesium source

-- FOB EO Warehouse, Texas --

50+ lb	\$0.55 /lb
250+ lb	\$0.50 /lb
1000+ lb	\$0.47 /lb

-- FOB Mfr, TX --

1000+ lb	\$0.40 /lb
Pallet (50 lb bags)	\$0.38 /lb

Larger Quantities - Call for quote

OR COPPER SULFATE

20% Copper

Sprayable Copper Fertilizer

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

Brandt **OR IRON SULFATE**

20% Iron

Slowly Water Soluble

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

OR ZINC SULFATE

+/- 35% Zinc

Granular, Slowly Water Soluble

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, TX --

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

Larger Quantities - Call for quote

OR MANGANESE **SULFATE**

+/- 32% Manganese

Granular, Slowly Water Soluble

-- FOB EO Warehouse, Texas --

55+ lb	\$1.10 /lb
275+ lb	\$1.05 /lb
1100+ lb	\$0.95 /lb

-- FOB Mfr, TX --

1100+ lb	\$0.90 /lb
Pallet (55 lb bags)	\$0.85 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS (CONT)

Azomite Minerals

°**AZOMITE**

Granular (For Crops)

Natural volcanic and sedimentary
"exotic" trace mineral source

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, TX --

1100+ lb	\$0.38 /lb
Pallet (44 lb bags)	\$0.37 /lb
Super Bags (3+)	\$0.36 /lb
Super Bags (10+)	\$0.35 /lb

-- FOB Mfr, UT --

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

Azomite Minerals

°**AZOMITE**

Micronized (For Crops or Feed)

Natural volcanic and sedimentary
"exotic" trace mineral source

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, TX --

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

-- FOB Mfr, UT --

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

Healthy Soil

°**ECO-MIN**

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

Direct Ship Only

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

Certis

AGSIL 16H

Foliar/Soil Available Bionutrient

Soluble potassium silicate providing the
plant a 100% available source of silicon
and potassium that are essential for
optimum plant growth and health.

Potassium Silicate facilitates the plant's
internal processes and strengthens
its external defenses.

Not allowed for Organic production

-- FOB EO Warehouse, Texas --

50+ lb	\$5.70 /lb
250+ lb	\$5.35 /lb
1000+ lb	\$5.15 /lb
Pallet (50 lb bags)	\$5.00 /lb

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	\$2.10 /lb
250+ lb	\$1.95 /lb

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

U.S. Borax

OR **GRANUBOR**

15.0% Boron

Water Soluble, Spreadable Boron

Direct Ship Only

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS TRACE MINERALS (CONT)

Ferti-Organic

°**SEAWEED/KELP**

Natural Foliar Spray

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

-- FOB EO Warehouse, Texas --

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

Larger Quantities - Call for quote

JH Biotech

°**SEAMAX**

1-0-0.8

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

-- FOB EO Warehouse, Texas --

2,5 gal	\$22.50 /gal
5+ gal	\$21.00 /gal
20+ gal	\$20.50 /gal
80+ gal	\$20.00 /gal

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

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

Larger quantities - Call for quote

MINOR ELEMENTS TRACE MINERALS

COMPLEXED

NRG

CALCIUM CHELATE

6% Calcium, 0.5% Boron
Complexed Liquid, Efficient Uptake
Not allowed for Organic production

Direct Ship Only

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

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

Derived from Sodium Molybdate

Direct Ship Only

-- FOB Mfr, UT --

5 gal case	\$32.00 /gal
20+ gal	\$30.00 /gal
180 gal pallet	\$28.00 /gal

Larger Quantities - Call for quote

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

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

Direct Ship Only

-- FOB Mfr, UT --

5 gal case	\$35.00 /gal
20+ gal	\$33.00 /gal
180 gal pallet	\$30.50 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS TRACE MINERALS

AMINO ACID CHELATED

About Amino Acid Chelated Micronutrients

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

Respiration and growth are obviously a couple of the biggies. But reproduction and the immune system aren't far behind! If we want plants to perform to their genetic potential, we should maximize a balanced nutrient supply, while we avoid taxing their limited energy supply needlessly.

And what does this have to do with micronutrients?

*Micronutrients are critical to plant health, but only needed in very small amounts by the plant. Yet they can be lacking in the soil or outcompeted at the root level by the major nutrients. The good news is that a significant portion of the micronutrient nutrition that is needed for **balanced nutrient supply** can be supplied through foliar spraying - very efficiently.*

*The use of **micronutrients chelated with amino acids** supplies critically needed plant nutrition with **minimal plant energy expenditure**,*

We are confident that the amino acid chelates offered in this section of the catalog provide super plant friendly micronutrient nutrition at an economical price.

Albion OR **METALOSATE** MINERALS

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)	\$18.75 /lb
10+ lb	\$16.00 /lb
20+ lb	\$15.50 /lb
40+ lb	\$15.00 /lb
44 lb bag	\$13.00 /lb

-- FOB Mfr, UT / CA --

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

Larger Quantities - Call for quote

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

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

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS

TRACE MINERALS

AMINO ACID CHELATED (CONT)

JH Biotech

OR **BIOMIN BORON**

3.0% Boron

Amino Acid Chelated Liquid Minerals

Apply foliar or through drip

Designed for very efficient and rapid mineral uptake

-- FOB EO Warehouse, Texas --

2.5 gal	\$19.00 /gal
5+ gal case	\$18.50 /gal
20+ gal	\$17.50 /gal
80+ gal	\$16.25 /gal

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

20+ gal	\$16.75 /gal
80+ gal	\$15.50 /gal
Pallet (180 gal)	\$13.50 /gal
Drum - 55 gal	\$13.00 /gal
Pallet Tank	\$12.75 /gal

Larger Quantities - Call for quote

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 (jug)	\$19.50 /lb
10+ lb	\$16.75 /lb
20+ lb	\$16.25 /lb
40+ lb	\$15.50 /lb
44 lb bag	\$14.00 /lb
220 lb (5 bags)	\$12.50 /lb

-- FOB Mfr, UT / CA --

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

Larger Quantities - Call for quote

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

-- FOB Mfr, UT / CA --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

"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

°SEAWEED/KELP

Water Soluble

Natural Foliar Spray

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

-- FOB EO Warehouse, Texas --

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

Larger Quantities - Call for quote

JH Biotech

°SEAMAX

Humic acid and Kelp (Ascophyllum Nodosum) extracts Assists micronutrient uptake, increases yields, promotes root development

-- FOB EO Warehouse, Texas --

2.5 gal	\$22.50 /gal
5+ gal	\$21.00 /gal
20+ gal	\$20.50 /gal
80+ gal	\$20.00 /gal

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

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

Larger quantities - Call for quote

Ferti-Organic

°FULVIC PLUS ACID

Soluble Powder - 90% Fulvic

Buffers and assists plant nutrient uptake, esp in foliar formulations

-- FOB EO Warehouse, Texas --

50+ lb	\$3.75 /lb
250+ lb	\$3.25 /lb
1000+ lb	\$3.00 /lb
Pallet (50 lb bags)	\$2.75 /lb

Larger Quantities - Call for quote

The following Biostimulant products containing naturally occurring

microbial species

are also found in the

"Soil Treatments"

and

"Seed and Seed Trench Treatments"

sections. These versatile organisms are relisted in this "Plant Nutrition" section to emphasize that they are very important in the release and cycling of nutrients in the soil. Results using these products are very efficiently achieved within a comprehensive program of biological crop inputs, but have also been shown to be very effective in more conventional agricultural programs.

Douglas Plant Health

°SP-1

Microbial Inoculant

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

Douglas Plant Health

°MVP

Microbial Inoculant

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

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

°ULTRAFINE ENDO

4 species blend

For dry or liquid application

Easily suspendable in water with minimal agitation

Direct Ship Only

-- FOB CA --

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

°ENDO MAXX

4 species blend

Concentrated wettable powder

10 grams treats approx 2.5 acres

1 bag treats approx 40 acres

Direct Ship Only

-- FOB CA --

1 bag (160 gm)	\$643.00 /bag
2 bags (320 gm)	\$636.00 /bag
4 bags (640 gm)	\$629.00 /bag
10 bags (1600 gm)	\$622.00 /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	\$13.25 /lb
200+ lb	\$12.50 /lb
800+ lb	\$11.50 /lb

°ULTRAFINE ENDO / ECTO

4 Endo / 7 Ecto Species

For any dry or liquid application

Easily suspendable in water with minimal agitation

Direct Ship Only

-- FOB CA --

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

°SOLUBLE MAXX

ENDO / ECTO

9 Endo / 10 Ecto Species

w/ Kelp and Humic Acid

Water soluble Soil Drench w/specially blended amendments.

Direct Ship Only

-- FOB CA --

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

Plant Nutrition

Selected For Compatibility with Soil Health and Nutrient Uptake Efficiency

"BIOSTIMULANTS" (cont)

NRG

◦ACTIVATE SERIES

WATER SOLUBLE MICROBES

INDIVIDUAL BACTERIA SPECIES AND BLENDS

◦ACTIVATE - PMSLA

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

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

◦ACTIVATE - NF

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

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

◦ACTIVATE - A1005

Bacillus Subtilis

◦ACTIVATE - A2004

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

◦ACTIVATE - A2005

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

Direct Ship Only

-- FOB Mfr, CA --

1+ lb
20+ lb
100+ lb

Call for Quote

*NRG Activate Series of organisms
(and many others) have been shown
to work most effectively when applied
into a 'rich' soil with readily available
organic food sources AND/OR
when applied with such sources:
liquid fish, humic acids, etc, and
especially
NRG's proprietary food source:
Wake-Up Organo.*

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

NRG

◦WAKE-UP ORGANO

Soluble Microbial Food

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

Manufacturer recommended food
source for all *Activate* Microbes

Direct Ship Only

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

NRG

◦ACTIVATE SERIES

WATER SOLUBLE MICROBES

COMBINED WITH

WAKEUP ORGANO (WUO)

INDIVIDUAL BACTERIA SPECIES AND BLENDS

MIXED WITH PROPRIETARY
SOLUBLE FOOD SOURCES

◦ACTIVATE PMSLA + WUO

5 bacillus species blend of
bacteria spores

◦ACTIVATE NF + WUO

4 bacillus species blend of
bacteria spores

◦ACTIVATE - A1005 + WUO

Bacillus Subtilis

◦ACTIVATE - A2004 + WUO

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

◦ACTIVATE - A2005 + WUO

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

Direct Ship Only

-- FOB Mfr, CA --

5 lb (bucket) \$40.00 /lb
31.8 lb (bucket) \$34.00 /lb
159 lb (5 buckets) \$31.50 /lb
1000+ lb \$29.50 /lb

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES

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

Brandt

OR TRESOIL

Mineral Oil for Foliar Use
Reverse emulsion - small droplet size
Fungicide, Insecticide, and Miticide

Direct Ship Only

-- FOB Mfr, FL --

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

3 Pallet Tank - **Quote /gal**

Larger quantities - Call for quote

Brandt

OR TRI TEK

Mineral Oil for Foliar Use
Reverse emulsion - small droplet size,
good spreading characteristics.
Fungicide, Insecticide, and Miticide

-- FOB EO Warehouse, Texas --

2.5 gal	\$19.50 /gal
5+ gal	\$19.00 /gal
20+ gal	\$18.00 /gal
80+ gal	\$17.00 /gal

-- FOB Mfr, CA / IL --

20+ gal	\$15.75 /gal
80+ gal	\$15.25 /gal
Pallet (240 gal)	\$13.25 /gal
3 Pallets (720 gal)	\$12.50 /gal

Larger Quantities - Call for quote

Brandt

OR NORDOX 75 WG

Copper Hydroxide
Fungicide, Bactericide

Direct Ship Only

-- FOB Mfr, CA / IL --

170+ lb (34 lb bags)	\$7.75 /lb
1190+ lb (34 lb bags)	\$7.00 /lb
Pallet (34 lb bags)	\$6.50 /lb

Larger quantities - Call for quote

Brandt

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	\$110.00 /gal
10+ gal	\$102.50 /gal
20+ gal	\$99.00 /gal
80+ gal	\$96.25 /gal
Pallet (160 gal)	\$88.00 /gal

Larger Quantities - Call for quote

Certis

OR BOTEGBA ES

Liquid - Emulsifiable
Beauveria Bassiana
Parasitic Fungus

Labeled for agricultural applications

-- FOB EO Warehouse, Texas --

1 gal	\$295.00 /gal
4+ gal	\$280.00 /gal
20+ gal	\$270.00 /gal
80+ gal	\$257.00 /gal
Pallet (144 gal)	\$248.00 /gal

Larger quantities - Call for quote

Certis

OR JAVELIN WG (Bt)

Bacillus thuringiensis
kurstaki strain

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

-- FOB EO Warehouse, Texas --

5+ lb	\$16.75 /lb
20+ lb	\$15.50 /lb
100+ lb	\$15.00 /lb
Pallet (720 lb)	\$14.75 /lb

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	\$206.00 /qt
2+ qt	\$199.00 /qt
6+ qt	\$194.00 /qt
30+ qt	\$187.00 /qt

Larger quantities - Call for quote

Certis

OR DOUBLE NICKEL LC

Bacillus amyloliquefaciens
strain D747 (Liquid)

Fungicide/Bactericide
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	\$75.00 /gal
5+ gal	\$69.00 /gal
20+ gal	\$67.50 /gal
80+ gal	\$63.75 /gal
Pallet (180 gal)	\$61.50 /gal

Larger Quantities - Call for quote

Certis

OR DOUBLE NICKEL 55

Bacillus amyloliquefaciens
strain D747 (Dry)

Fungicide/Bactericide
Dry Formulation -
Same uses as Double Nickel LC above

-- FOB EO Warehouse, Texas --

5+ lb	\$35.50 /lb
20+ lb	\$32.50 /lb
100+ lb	\$31.50 /lb
Pallet (720 lb)	\$30.50 /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 **CARB-0-NATOR**

Potassium Bicarbonate

Broad spectrum

Contact foliar fungicide

-- FOB EO Warehouse, Texas --

Clearance Price on

In-Stock Inventory

110 lb available @ \$8.00 /lb

See Clearance page for more info

Certis

OR **TRILOGY**

Botanical Fungicide/Miticide

Clarified, Hydrophylic

Extract of Neem Oil

-- FOB EO Warehouse, Texas --

2.5 gal \$63.00 /gal

5+ gal \$57.00 /gal

20+ gal \$55.00 /gal

80+ gal \$52.50 /gal

Pallet (180 gal) \$50.50 /gal

Larger quantities - Call for quote

Certis

OR **SIL-MATRIX**

Potassium Silicate

Fungicide/Miticide/Insecticide

Aids in control of foliar fungal diseases
(powdery mildew, anthracnose, others),

mite, and other sucking insect

infestations by inhibiting damage

through a physical silicon matrix barrier

and by causing insect dessication.

Very pH sensitive

See our website for important usage notes

-- FOB EO Warehouse, Texas --

2.5 gal \$33.75 /gal

5+ gal \$30.25 /gal

20+ gal \$29.50 /gal

80+ gal \$27.75 /gal

Pallet (180 gal) \$26.85 /gal

Larger quantities - Call for quote

Certis

OR **PFR 97**

Isaria fumosorosea (Live Product)

Broad spectrum microbial insecticide

for foliar and soil applications

Must be refrigerated for long term storage

Direct Ship Only

-- FOB Mfr, CA / WA --

20+ lb \$46.75 /lb

100+ lb \$37.75 /lb

400+ lb \$36.75 /lb

Larger quantities - Call for quote

Certis

OR **DES-X**

Insecticidal Soap

-- FOB EO Warehouse, Texas --

2.5 gal \$38.50 /gal

5+ gal \$35.00 /gal

20+ gal \$34.75 /gal

80+ gal \$32.75 /gal

Pallet (180 gal) \$31.50 /gal

Larger Quantities - Call for quote

Certis

OR **SEDUCE**

Insect Bait w/Spinosad

Attracts and kills

ants, earwigs, and cutworm.

-- FOB EO Warehouse, Texas --

50+ lb \$5.15 /lb

250+ lb \$4.90 /lb

1000+ lb \$4.50 /lb

Pallet (40 - 50 lb bags) \$4.40 /lb

Larger quantities - Call for quote

Certis

OR **CUEVA**

Copper Octoanate (Soap)

Bacteriacide, Fungicide

Broad spectrum, low burn potential

Low toxicity potential

-- FOB EO Warehouse, Texas --

2.5 gal \$47.00 /gal

5+ gal \$43.50 /gal

20+ gal \$42.00 /gal

80+ gal \$40.00 /gal

Pallet (180 gal) \$38.50 /gal

Larger quantities - Call for quote

Certis

OR **LIFEGUARD**

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

-- FOB EO Warehouse, Texas --

1+ lb \$158.00 /lb

4+ lb \$148.00 /lb

20+ lb \$144.00 /lb

100+ lb \$138.00 /lb

200+ lb \$133.00 /lb

Larger quantities - Call for quote

Certis

OR **GEMSTAR**

Insecticidal Virus

Specifically for Corn Earworm

aka Cotton Bollworm, Tomato Fruitworm,

Sorghum Headworm

-- FOB EO Warehouse, Texas --

1+ qt \$65.00 /qt

2+ qt \$62.00 /qt

6+ qt \$60.00 /qt

30+ qt \$58.00 /qt

Larger quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

Ferti-Organic

OR **FERTI-NEEM OIL**

Cold Pressed Neem Oil

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

-- FOB EO Warehouse, Texas --

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

Larger quantities - Call for quote

Ferti-Organic

OR **KARANJA OIL**

Cold Pressed Karanja Oil

Natural Adjuvant - Improves Efficacy of Neem Oil and other Pesticides

-- FOB EO Warehouse, Texas --

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

Larger Quantities - Call for quote

Terraneem

OR **NEEM OIL**

Cold Pressed Neem Oil

-- FOB EO Warehouse, Texas --

**Clearance Price on
In-Stock Inventory**

165 gal available @	\$20.00 /gal
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See Clearance page for more info

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

Larger Quantities - Call for quote

Bayer

OR **SERENADE ASO**

Bacillus subtilis

strain QST 713

Live Microbial Product

Bactericide and Fungicide

labeled for foliar and soil use.

-- FOB EO Warehouse, Texas

**Clearance Pricing on
In-Stock Inventory**

30 gal available @	\$25.00 /gal
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See Clearance page for more info

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 --

1 lb	\$18.00 /lb
5+ lb	\$14.50 /lb
30+ lb	\$14.25 /lb
150+ lb	\$13.75 /lb
Pallet (630 lb)	\$13.00 /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	\$18.00 /lb
30+ lb	\$17.50 /lb
150+ lb	\$16.75 /lb
Pallet (630 lb)	\$16.00 /lb

Larger Quantities - Call for quote

Valent

OR **PYGANIC 1.4%**

Broad Spectrum

Contact Insecticide

Derived from Chrysanthemums.

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

See our website for important usage notes

-- FOB EO Warehouse, Texas --

1 qt	\$50.00 /qt
1 gal	\$193.50 /gal
4+ gal	\$187.50 /gal
20+ gal	\$183.00 /gal
80+ gal	\$181.00 /gal
Pallet (144 gal)	\$178.00 /gal

Larger Quantities - Call for quote

Valent

OR **PYGANIC 5.0%**

Broad Spectrum

Contact Insecticide

Derived from Chrysanthemums

See our website for important usage notes

-- FOB Texas --

1 gal	\$510.00 /gal
2+ gal	\$493.75 /gal
6+ gal	\$482.75 /gal
20+ gal	\$475.00 /gal

Larger Quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES, (CONT)

Valent

OR **AZERA**

Dual Mode of Action

Azadirachtin and Pyrethrins

Kills on contact and/or by ingestion

-- FOB EO Warehouse, Texas --

1 gal \$335.00 /gal

4+ gal \$327.50 /gal

20+ gal \$320.00 /gal

Larger quantities - Call for quote

AGBITECH

OR **HELIGEN**

Insecticidal Virus

Specifically for Corn Earworm

aka Cotton Bollworm, Tomato Fruitworm,

Sorghum Headworm

-- FOB Texas --

1+ qt \$160.00 /qt

4+ qt \$152.00 /qt

1+ gal \$580.00 /gal

2+ gal \$565.00 /gal

12+ gal \$550.00 /gal

20+ gal \$535.00 /gal

Larger quantities - Call for quote

Perma-Guard

o **GRAIN OR SEED STORAGE
INSECTICIDE D-10**

Diatomaceous Earth

Controls pests in grain storage

Direct Ship Only

-- FOB Mfr, UT --

Pallet (50 lb bags) \$0.47 /lb

13+ Pallets \$0.36 /lb

Van Truckload \$0.32 /lb

Larger Quantities - Call for quote

Perma-Guard

**FIRE ANT
INSECTICIDE D-20**

Diatomaceous Earth w/Pyrethrins
and Piperonyl Butoxide (PBO)

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

NOT ALLOWED FOR ORGANIC

Direct Ship Only

-- FOB Mfr, TX --

150+ lb \$5.75 /lb

750+ lb \$5.50 /lb

Pallet (30 lb bags) \$5.15 /lb

Larger Quantities - Call for quote

Intl Sulfur

**YELLOW JACKET
FLOWABLE SULFUR**

Sprayable Sulfur

Broad spectrum miticide and fungicide

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

Clearance Price on

In-Stock Inventory

80 gal available @ \$8.00 /gal

See Clearance page for more info

-- FOB Mfr, TX --

Pallet (180 gal) **Quote** /gal

3 Pallets (540 gal) **Quote** /gal

Larger Quantities - Call for quote

Brandt

OR **LIME SULFUR**

Calcium Polysulfide

Fungicide

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

-- FOB EO Warehouse, Texas --

2.5 gal \$16.25 /gal

5+ gal \$14.00 /gal

20+ gal \$13.00 /gal

80+ gal \$12.50 /gal

-- FOB Mfr, CA --

20+ gal \$10.25 /gal

80+ gal \$10.00 /gal

Pallet (180 gal) \$8.50 /gal

Larger quantities - Call for quote

JH Biotech

FOSPHITE

Mono and Dipotassium

Salts of Phosphorous Acid

Systemic fungicide / growth promoter

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

Clearance Price on

In-Stock Inventory

30 gal available @ \$20.00 /gal

See Clearance page for more info

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

20+ gal \$28.00 /gal

80+ gal \$27.00 /gal

Drum (55 gal) \$24.00 /gal

Pallet (180 gal) \$24.50 /gal

Larger quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES,

H2O2/PAA

The products on this page each contain

Hydrogen Peroxide (H2O2) and Peroxyacetic Acid (PAA). *This combination has been proven to quickly destroy microbes upon contact.*

With good spray coverage, these products can stop some disease infections in a matter of hours. A very desirable product to have in the toolkit! However, the organisms killed 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 generally recommend that within a day (or same day) of using these products a foliar application of beneficial microbes and 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.

Jet Harvest Solutions

OR **JET AG**

H2O2 and PAA

Field Label - Contact Kill

Broad Spectrum Activity Against a Wide Range of Plant Pathogens

Direct Ship Only

-- FOB Mfr, Various --

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

Larger quantities - Call for quote

Brandt

OR **Peragreen 5.6%**

H2O2 and PAA

Field and Process Label

Broad Spectrum Activity Against a Wide Range of Plant Pathogens

Direct Ship Only

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

Biosafe

OR **OXIDATE 5.0**

H2O2 and PAA

Field Label - Contact Kill

Broad Spectrum Activity Against a Wide Range of Plant Pathogens

Direct Ship Only

-- FOB Mfr, CT --

2.5 gal	\$32.50 /gal
5+ gal	\$30.00 /gal
Drum - 30 gal	\$29.25 /gal
Drum - 55 gal	\$28.00 /gal
Drums 4-55 gal	\$27.00 /gal
Pallet Tank	\$26.25 /gal

Larger quantities - Call for quote

Plant Protection

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

PESTS AND DISEASES.

ESSENTIAL OILS

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

Agro Research

OR **THYME GUARD**

Liquid Fungicide / Bacteriacide

23% Thyme Oil

Broad spectrum - works both on contact and systemically

-- FOB EO Warehouse, Texas --

1 qt	\$30.00 /qt
1 gal	\$108.00 /gal
4+ gal	\$103.00 /gal
2.5 gal	\$102.00 /gal
5+ gal	\$98.00 /gal
20+ gal	\$95.00 /gal
80+ gal	\$92.50 /gal

-- FOB Mfr, FL --

80+ gal	\$90.00 /gal
Pallet (180 gal)	\$86.50 /gal
Drum (55 gal)	\$81.00 /gal
Drums (4-55 gal)	\$79.00 /gal
Pallet Tank (275 gal)	\$77.50 /gal

Larger Quantities - Call for quote

JH Biotech

OR **PEST OUT**

Spray Oil

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

-- FOB EO Warehouse, Texas --

1 gal	\$70.00 /gal
4+ gal	\$65.00 /gal
2.5 gal	\$67.50 /gal
5+ gal	\$62.75 /gal
20+ gal	\$58.50 /gal

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

20+ gal	\$57.75 /gal
80+ gal	\$54.25 /gal
Pallet (180 gal)	\$52.00 /gal

Larger quantities - Call for quote

JH Biotech

OR **BIOREPEL**

Natural Insect Repellent

Anti-Feedant

Repels many flying insects

-- FOB EO Warehouse, Texas --

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

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

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

Larger Quantities - Call for quote

KeyPlex

OR **ECOTROL PLUS**

Contains Rosemary and
Peppermint Oils PLUS Geraniol

Broad spectrum insecticide
and miticide

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, FL --

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

Larger Quantities - Call for quote

KeyPlex

OR **SPORAN 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	\$101.00 /gal
4+ gal	\$95.00 /gal
20+ gal	\$94.00 /gal
80+ gal	\$90.00 /gal

-- FOB Mfr, FL --

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

Larger Quantities - Call for quote

KeyPlex

OR **KEYPLEX 350 OR**

Yeast Hydrolysate from
Saccharomyces cerevisiae

Fungicide

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, FL --

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

Larger Quantities - Call for quote

Plant Protection

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

WEEDS

JH Biotech

OR **WEED ZAP**

Cinnamon Oil-Based
Non-selective herbicide

Effective on plants 4" in height or less

-- FOB EO Warehouse, Texas --

2.5 gal	\$75.00 /gal
5+ gal	\$73.00 /gal
20+ gal	\$68.00 /gal
80+ gal	\$63.50 /gal

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

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

Larger Quantities - Call for quote

Fleischmann's Vinegar

OR **VINAGREEN**

20% White Vinegar

WSDA certified as Herbicide

Direct Ship Only

-- FOB Mfr, AL / MO --

Drums 4-55 gal	Quote /gal
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Larger Quantities - Call for quote

Agro Research

WEED SLAYER - KITT

Liquid Organic Herbicide
Systemically acting, 2-Part Product
with specific tank water pH requirement
Kills large grasses down to roots

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

2 qt	\$65.00 /qt
2 gal	\$114.00 /gal
4 gal	\$105.00 /gal
5 gal	\$100.00 /gal
20+ gal	\$95.00 /gal
80+ gal	\$93.00 /gal

Larger Quantities - Call for quote

Certis

OR **HOME PLATE**

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

-- FOB EO Warehouse, Texas --

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

Larger Quantities - Call for quote

ENVIRONMENTAL STRESS

Sipcam/Advan

OR **COCOON**

Sprayable Kaolinite

Now available in 25 lb bags

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

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, CA --

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

Certis

AgSil 16H

Foliar/Soil Available Bionutrient

Soluble source of potassium silicate.

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

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

50+ lb	\$5.70 /lb
250+ lb	\$5.35 /lb
1000+ lb	\$5.15 /lb
Pallet (50 lb bags)	\$5.00 /lb

Larger Quantities - Call for quote

Powerline PRIMER

Non-Protein Amino Acid

Relieves heat stress, improves quality, and nutritional value of crops.

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

Clearance Price

on In-Stock Inventory

25 gal available @	\$20.00 /gal
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See Clearance page for more info

Water Treatments

Surfactants, Wetting Agents, Disinfectants, Equipment Cleaners and more

POST-HARVEST

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

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

Biosafe

°SANIDATE 5.0

Post Harvest Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms

Direct Ship Only

-- FOB Mfr, CT --

Drum - 30 gal	\$33.25 /gal
Drum - 55 gal	\$30.25 /gal
Drums 4-55 gal	\$29.25 /gal
Pallet Tank	\$26.75 /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 --

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

Larger Quantities - Call for quote

Jet Harvest Solutions

°JET OXIDE - 15%

Post Harvest Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms

Direct Ship Only

-- FOB Mfr, Various --

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

Larger Quantities - Call for quote

Brandt

OR Peragreen 5.6%

H2O2 / Peroxyacetic Acid (PAA)

Field and Process Sanitizer

Broad efficacy against plant pathogens and food spoilage organisms

Direct Ship Only

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

Brandt

OR Peragreen 15%

H2O2 / Peroxyacetic Acid (PAA)

Process Sanitizer

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

Direct Ship Only

-- FOB Mfr, CA / IL --

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

Larger Quantities - Call for quote

Water Treatments

Surfactants, Wetting Agents, Disinfectants, Equipment Cleaners and more

IRRIGATION

Plant and Soil health is heavily influenced by water quality. Treating poor quality water can be the most cost effective method of improving soil drainage and foliar spray efficiencies, resulting in improvements to crop yield and quality.

Diamond K °GYPSUM **SOLUTION GRADE 97**

Calcium Sulfate

Water soluble powder; can be applied through drip or pivot

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

OR**99.5% ELEMENTAL SULFUR**

Pastille Sulfur

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

-- FOB Mfr, TX --

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

-- FOB Mfr, AL --

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

Larger Quantities - Call for quote

Brandt

DRIP-RITE 1000

Monocarbamide dihydrogen sulfate
Excellent mineral deposit cleaner for irrigation systems

Not allowed for Organic crops in season

Maybe allowed as a cleaner in fallow fields - always check with

Organic Certifier for guidance

Direct Ship Only

-- FOB Mfr, CA --

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

Larger Quantities - Call for quote

JH Biotech

°**NATURAL WET**

Contains Saponins derived from Yucca Plants

10% Yucca compounds

Natural, non-Ionic surfactant

Facilitates nutrient & water absorption

-- FOB EO Warehouse, Texas --

2.5 gal	\$22.00 /gal
5+ gal case	\$20.50 /gal
20+ gal	\$19.25 /gal
80+ gal	\$18.50 /gal

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

20+ gal	\$18.50 /gal
80+ gal	\$17.75 /gal
Pallet (180 gal)	\$16.25 /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**

Direct Ship Only

-- FOB Mfr TN --

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

Diamond K **AQUA DRIVE**

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

Not allowed for Organic crops

-- FOB EO Warehouse, Texas

Clearance Pricing on In-Stock Inventory

70 gal available @ \$36.00 /gal
See Clearance page for more info

-- FOB Mfr, UT --

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

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

-- FOB Mfr, UT --

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

Redmond

oNATURAL MINERAL SALT BLOCKS

Trace mineral source for livestock -
over 50 minerals

-- FOB EO Warehouse, Texas --

44+ lb	\$0.42 /lb
220+ lb	\$0.40 /lb
1100+ lb	\$0.38 /lb
Pallet (44 lb blocks)	\$0.36 /lb

-- FOB Mfr, UT --

Pallet (44 lb blocks)	\$0.13 /lb
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Larger Quantities - Call for quote

Redmond

ORANTI-CAKING AGENT

(aka CONDITIONER)

Colloidal "exotic" trace mineral source
for livestock

For Livestock - Restricted to amount
needed for adequate nutrition

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, UT --

Pallet (50 lb bags)	\$0.17 /lb
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Larger Quantities - Call for quote

Azomite Minerals

ORAZOMITE FIELD GRADE

1/8" to Powder

Natural volcanic and sedimentary trace
mineral source for livestock and crops

For Livestock - Restricted to amount
needed for adequate nutrition

-- FOB Mfr, TX --

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

-- FOB Mfr, UT --

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

Perma-Guard

ORFOSSIL SHELL FLOUR DIATOMACEOUS EARTH

Natural Silica Product

Animal feed additive

Promotes animal health by controlling
internal parasites and absorbing toxins

For Livestock - Restricted to amount
needed for adequate nutrition

-- FOB EO Warehouse, Texas --

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

-- FOB Mfr, TX --

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

-- FOB Mfr, UT --

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

Larger Quantities - Call for quote

Restora Life

ORMRX

Granular

Natural clay-based
trace mineral supplement

Direct Ship Only

-- FOB Mfr, MS --

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

Larger Quantities - Call for quote

Thorvin

oKELP FOR ANIMALS

Feed supplement,
Animal Health supplement

Direct Ship Only

-- FOB Mfr, VA --

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

Tidal Organics

oKELP MEAL

Feed supplement,
Animal Health supplement

-- FOB EO Warehouse, Texas --

50+ lb	\$2.25 /lb
250+ lb	\$2.05 /lb
1000+ lb	\$1.90 /lb

-- FOB Mfr, TX --

Pallet (50 lb bags)	\$1.57 /lb
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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)	\$7.00 /gal
Drums (4-55 gal)	\$6.75 /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)	\$4.75 /gal
Drums (4-55 gal)	\$4.50 /gal
Pallet Tank (275 gal)	\$4.45 /gal

Larger Quantities - Call for quote

Miscellaneous

EQUIPMENT

Mazzei Venturi

Injectors

Venturi Injector for
Commercial Agriculture

Call to learn more

Diamond K

Gypsum Applicators

Technology to apply gypsum and
other slowly soluble minerals
through your irrigation system

Call to learn more

Jet Harvest Solutions

Test Strips

JH 3000 (0 - 160 ppm)

Use to monitor and maintain
recommended peracetic acid
levels in post-harvest handling of
produce.

Call to learn more

Garden Moisture Meters

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

Call to learn more

HARD TO CLASSIFY

Soil Mender

◦EARTHWORM CASTINGS

-- FOB EO Warehouse, Texas --

40+ lb	\$1.15 /lb
400+ lb	\$1.10 /lb
1000+ lb	\$1.05 /lb

-- FOB Mfr, TX --

1000 lb	\$0.94 /lb
Pallet (40 lb bags)	\$0.80 /lb
Pallet (super bag)	\$0.77 /lb

Larger Quantities - Call for quote

Ferti-Organic

◦FERTI-NEEM CAKE

Neem Cake 100%

Azadirachtin 1000 ppm

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

-- FOB EO Warehouse, Texas --

50+ lb	\$1.35 /lb
250+ lb	\$1.30 /lb
1000+ lb	\$1.25 /lb
Pallet (50 lb bags)	\$1.15 /lb

Larger Quantities - Call for quote

Douglas Plant Health

◦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 8](#)

Usage Rates

*1 - 3 oz/ acre - amount of product used is
dependent on crop residue amount
and rate of decomposition desired)*

Direct Ship Only

-- FOB Mfr, IL --

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

Larger Quantities - Call for quote

<p align="center">EARTHWISE ORGANICS, INC. AGRICULTURE PRODUCT LIST – October 2021 Clearance Items</p>
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		Pkg Size	Qty Available	List Price	Clearance Price	
Agri-Energy Resources						
	Pillar (Liquid Micronutrient)	2.5 gal jug 275 gal tote	280 GAL	\$5.25	\$3.00	/gal
Albion						
	N-P-K Liquid (not organic)	2.5 gal jug	20 GAL	\$36.25	\$30.00	/gal
Bayer						
	Serenade ASO	2.5 gal jug	30 GAL	\$38.00	\$25.00	/gal
Brandt/Monterey						
	CMR Adjuvant	2.5 gal jug	5 GAL	\$16.00	\$4.00	/gal
	Ag-Aide	1 gal jug	60	\$115.00	\$75.00	/gal
Certis						
	Carb-O-Nator	5 lb bag	110 lb	\$10.00	\$8.00	/lb
Diamond K						
	Aqua Drive	2.5 gal jug	70 GAL	\$43.50	\$36.00	/gal
International Sulfur						
	Yellow Jacket Flowable Sulfur	2.5 gal jug	80 GAL	\$14.50	\$8.00	/gal
JH Biotech						
	Aqua Power	1 gal jug 2.5 gal jug	20 GAL	\$16.00	\$13.00	/gal
	Fosphite	1 gal jug 2.5 gal jug	30 GAL	\$30.00	\$20.00	/gal
Landview						
	Primer	2.5 gal jug	25 GAL	\$90.00	\$20.00	/gal
Natural Resources Group						
	Power K Humic Acid	25 lb buckets 50 lb bags	400 lb	\$7.00	\$4.50	/lb
Terramera						
	Neem Oil	55 gal drum	165 gal	\$32.00	\$20.00	/gal
U.S. Borax						
	Fertibor	50 lb bag	100 lb	\$1.35	\$0.85	/lb