

Earthwise Organics, Inc.

AGRICULTURE PRODUCT LIST – May 2026

To Our Customers:

The (somewhat late) Spring Catalog is here!

Costs continue to rise for all aspects of agriculture, and using products wisely and systematically has never been more important. Synergy remains a heckuva bargain!

To leverage this bargain, Earthwise has created detailed, "synergistic" **"organic growing plan"** templates for various crops upon request. These plans include recommended rates, timings, and products for organic crops - from preplant all the way through to post harvest. Give us a call to access the template you need. Detailed information on the **products** recommended on these templates is available on our **website** or give us a call - we are happy to explain how our 'recommended system' can be adapted to enhance the efficiency of your particular crop production goals.

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

Catalog Notes:

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

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

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

Earthwise has been in business since 1996, supplying soil and plant friendly fertility materials to a wide variety of customers in the agricultural and horticultural industries. **A lot has changed over those years!** One thing hasn't changed - You have the option to access our expertise and pricing at a time and place most convenient for you. Between the website, texts, emails and phone calls we are ready to help with our experience, knowledge, and product line.

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

We would like to thank all our customers for the opportunity to compete for your business. These first 30 years have been challenging, informative and rewarding, it's quite likely the future will be at least some part of that, too!

Thomas Harr, President and Chief Bottle Washer

OFFICE: 13081 SH 172 in La Ward, Texas Phone 956.207.0500 Fax 866.812.0489	Email: office@earthwiseagriculture.net Web: earthwiseagriculture.net
---	--

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.

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

Index by Product Name

Page(s)	
12, 22	98G PELLETTIZED LIMESTONE
7 , 20, 37	719 SPREADER
A	
33	ACTINOVATE AG
10, 28	ACTIVATE MICROBES + WAKE UP ORGANO
10, 16, 28	ACTIVATE NF + WAKE UP ORGANO
10, 28	ACTIVATE PMSLA + WAKE UP ORGANO
11, 20, 37	AG-AIDE
23, 36	AGSIL 16H
23, 36	AGSIL 25
18	ALLGANIC MAKRO 60
16	ALLGANIC NITROGEN PLUS 15-0-2
20, 37	AMPERSAND
41	ANTI-CAKING (REDMOND CONDITIONER)
42	APPLE CIDER VINEGAR (Conv)
42	APPLE CIDER VINEGAR (Organic)
7 , 11, 40	AQUA DRIVE
15	AQUA POWER 5-1-1
33	AWP
34	AZERA
23, 41	AZOMITE NATURAL TRACE MINERAL
B	
9, 43	BIOACT SD
25	BIOMIN BOOSTER 126
25	BIOMIN BOOSTER 153
25	BIOMIN BOOSTER 235
24	BIOMIN BORON
25	BIOMIN CAL-BORO
25	BIOMIN CAL-BORO LIGHT
25	BIOMIN CALCIUM
25	BIOMIN COPPER
25	BIOMIN IRON
25	BIOMIN MAGNESIUM
25	BIOMIN MANGANESE
16	BIOMIN N 5-0-0
25	BIOMIN ZINC
21, 32, 38	BIOREPEL
24	BORON (DRY)
8, 21, 38	BORREGRO HA-2 LIQUID HUMIC ACID
30	BOTEGHA ES
13, 15	BROWN'S LIQUID FISH HYDROLYSATE
C	
23	CALCIUM CHELATE W/Boron
30	CELITE 610
16	CHILEAN NITRATE
20, 37	CITRIC ACID
7	CMR ADJUVANT
36	COCOON
41	CONDITIONER (REDMOND)
22	COPPER SULFATE
30	CUEVA

Page(s)	
18	CHICKEN MANURE PRODUCTS
18	7H 4-2-4 PELLETS / GRANULAR
18	ALL NATURAL 4-3-2 PELLETS / GRANULAR
18	CHICK MAGIC 4-3-2 PELLETS / GRANULAR
18	HICKMAN EGG RANCH 4-2-2 HEAT TREATED
18	TRUE ORGANIC 4-4-2 PELLETS
18	TRUE ORGANIC 5-5-2 PELLETS
18	TRUE ORGANIC 8-5-1 PELLETS
CHICKEN/ANIMAL WASTE DERIVED PRODUCTS	
15	NATURE SAFE 8-5-5 PELLETS
15	NATURE SAFE 10-2-8 COARSE GRADE
15	NATURE SAFE 13-0-0 PELLETS / COARSE GRADE
CORN STEEP LIQUOR DERIVED PRODUCT	
15	NATURE SAFE 7-7-7 DRY FLOWABLE POWDER
D	
7 , 29	DEBUG ON
30	DES-X
41	DIATOMACEOUS EARTH (DE)
34	DIPEL DF
31	DOUBLE NICKEL 55
31	DOUBLE NICKEL LC
40	DRIP RITE 1000
E	
43	EARTHWORM CASTINGS
30	ECOTEC PLUS
13	ENDO 25
14, 27	ENDO AND ENDO/ECTO MYCORRHIZAL BLENDS
29	ENTRAPMENT
32	ENTRUST SC
F	
24	FERTIBOR
17	FERTIFY 2-8-4
33	FIRE ANT INSECTICIDE D-20
13, 15	FISH HYDROLYSATE - Brown's
32	FOSPHITE
41	FOSSIL SHELL FLOUR (DE)
8, 21, 38	FULMAX
8, 20, 26, 37	FULVIC PLUS
G	
31	GEMSTAR LC
33	GRAIN STORAGE INSECTICIDE D-10
24	GRANUBOR
12, 22, 40	GYPSUM - PREMIUM 97 SOLUBLE
H	
36	HOMEPLATE
8	HUMATES - 70% DRY
8, 21, 38	HUMAX
8, 21, 38	HUMIC ACID - LIQUID
8, 21, 38	HUMIC ACID - SOLUBLE
I	
22	IRON (FERROUS) SULFATE
J	
31	JAVELIN
35	JET AG
39	JET OXIDE 5%
39	JET OXIDE 15%

Don't forget about the clearance and overstocked items on page **7**

Index by Product Name

Page(s)	
	K
20, 38	KARANJA OIL
22, 41, 43	KELP MEAL
23, 26	KELPSTIM
18	KMAG (TRIO)
18	KMS 0-0-22-11-22
	L
9	L-CBF TERRAFED 1-0-3 MOLASSES
31	LIFEGARD
7, 30	LIME SULFUR
	M
22	MAGNESIUM SULFATE
22	MANGANESE SULFATE
15	METALOSATE LIQUID N-P-K
25	METALOSATE POWDER CALCIUM
25	METALOSATE POWDER CALCIUM W/BORON
7, 25	METALOSATE POWDER COPPER
25	METALOSATE POWDER CROP UP
25	METALOSATE POWDER IRON
25	METALOSATE POWDER MAGNESIUM
25	METALOSATE POWDER MANGANESE
25	METALOSATE POWDER MULTIMINERAL
18	METALOSATE POWDER POTASSIUM
7, 25	METALOSATE POWDER ZINC
8	MICROMATE
34	MICROTHIOL DISPERS
11, 21, 38	MIXWELL
9, 43	MOLASSES
14, 27	MYCORRHIZAE
	N
16	N-FORCE 8-0-0
11, 21, 38	NATURAL WET
9, 13	NATURE'S SOLUTION
7, 43	NEEM CAKE
32	NEEM OIL
31	NEMACLEAN
31	NEEMIX 4.5
15	NITRO PLUS
16	NITROGEN (LIQUID)
16	NITROGEN PLUS 15-0-2 (ALLGANIC)
16	NURSERY PLANT FOOD 10-4-5
	O
24	OPTIBOR
13, 16	ORGANIC PLANT FOOD 3-1-1
31	OSO 5% SC
36	OXIDATE 5.0
	P
7, 33	PEST OUT
31	PFR-97
18	POTASH (POTASSIUM CHLORIDE)
18	POTASSIUM SULFATE
26	PRO GIBB LV PLUS
26	PROMOT PLUS
18	PROTASSIUM+

Page(s)	
	P (cont)
34	PYGANIC EC 1.4 II
34	PYGANIC EC 5.0 II
	R
41	REDMOND CONDITIONER
41	REDMOND FINE SALT
41	REDMOND SALT BLOCKS
33	REGALIA
19	ROCK PHOSPHATE
	S
41	SALT - FINE #10 (REDMOND)
41	SALT BLOCKS (REDMOND)
40	SANIDATE 5.0
40	SANIDATE 15.0
23, 26	SEAWEED EXTRACT
32	SEDUCE
29	SERENADE ASO
32	SIL-MATRIX
20, 37	S-K-H STICKER
20	SOFT ROCK PHOSPHATE
32	SOILGARD
24	SOLUBOR
13, 19	SOLUPHOS SP
33	SPORAN EC2
12, 40	SULFUR - ELEMENTAL - 99.5%
12, 22	SULFUR (Soil) - 90%
20, 37	SUPER WETTER
	T
29	THYME GARD
30	TRES OIL
32	TRILOGY
18	TRIO (KMAG) - GRANULAR AND STANDARD
30	TRITEK
	V
36	VINAGREEN
40	VINEGAR - 12%
40	VINEGAR - 15%
42	VINEGAR – APPLE CIDER (Conv / Organic)
	W
10, 28	WAKE-UP ORGANO
7, 36	WEED SLAYER KITT
36	WEED ZAP
43	WORM CASTINGS
	X
34	XENTARI
	Z
22	ZINC SULFATE

Don't forget about the clearance and overstocked items on page 7

Index by Manufacturer

Page(s)		Page(s)	
	7H Nutrients		Brandt/Monterey
18	7H 4-2-4	Z, 20, 37	BRANDT 719 SPREADER
		30	BRANDT ECOTEC PLUS
	AgriEnergy Solutions	22	BRANDT IRON (FERROUS) SULFATE - CRYSTAL
13	ENDO 25	Z, 30	BRANDT LIME SULFUR
		11, 20, 37	BRANDT ORGANICS AG-AIDE
	Agro Research	20, 37	BRANDT ORGANICS S-K-H STICKER
20,37	CITRIC ACID	20, 37	BRANDT SUPER WETTER
29	THYME GARD	30	CELITE 610
Z, 36	WEED SLAYER KITT	40	DRIP RITE 1000
		30	NEMA-Q
	Albion	30	TRESOIL
15	METALOSATE LIQUID - N-P-K	30	TRITEK
25	METALOSATE POWDER - CALCIUM		
25	METALOSATE POWDER - CALCIUM W/ BORON		Cal-Maine
Z, 25	METALOSATE POWDER - COPPER	17	ALL NATURAL 4-3-2 AG PELLETS / GRANULAR
27	METALOSATE POWDER - CROP UP		
25	METALOSATE POWDER - IRON		Calcium Products
25	METALOSATE POWDER - MAGNESIUM	12, 22	98G
25	METALOSATE POWDER - MANGANESE		
25	METALOSATE POWDER - MULTIMINERAL		Certis
18	METALOSATE POWDER - POTASSIUM	23, 36	AGSIL 16H
Z, 25	METALOSATE POWDER - ZINC	23, 36	AGSIL 25
		30	BOTEGHA ES
	Attune	30	CUEVA
20, 37	AMPERSAND	30	DES-X
29	ENTRAPMENT	31	DOUBLE NICKEL 55
		31	DOUBLE NICKEL LC
	Azomite	31	GEMSTAR LC
23, 41	AZOMITE NATURAL TRACE MINERALS	36	HOMEPLATE
		31	JAVELIN
	Bayer CropScience	31	LIFEGARD
29	SERENADE ASO	31	NEEMACLEAN
		31	NEEMIX 4.5
	Biosafe Systems	31	OSO 5% SC
36	OXIDATE 5.0	31	PFR-97
40	SANIDATE 5.0	32	SEDUCE
40	SANIDATE 15.0	32	SIL-MATRIX
		32	SOILGARD
	Borregaard	32	TRILOGY
8, 21, 38	BORREGRO HA-2		
			Chem One
		22	COPPER SULFATE
		22	MAGNESIUM SULFATE
		22	MANGANESE SULFATE
		22	ZINC SULFATE
			Cold Spring Egg Farm
		16	CHICK MAGIC 4-3-2 PELLETS / GRANULAR

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Index by Manufacturer

Page(s)	
	Compass Minerals
18	PROTASSIUM+
	Corteva
32	ENTRUST SC
	CR Brown Enterprises
13, 15	BROWN'S FISH HYDROLYSATE
	Darling Ingredients
15	NATURE SAFE 7-7-7 FLOWABLE POWDER
15	NATURE SAFE 8-5-5 PELLETS
15	NATURE SAFE 10-2-8 COARSE GRADE
15	NATURE SAFE 13-0-0 COARSE GRADE
15	NATURE SAFE 13-0-0 PELLETS
	Diamond K
7, 11, 40	AQUA DRIVE
12, 22, 40	PREMIUM 97 SOLUTION GRADE GYPSUM
18	KMS
18	ULTRA FINES SULFATE OF POTASH
	Ferti-Organic
8, 20, 26, 37	FERTI-FULVIC PLUS
7, 43	FERTI-NEEM CAKE
32	FERTI-NEEM OIL
15	FERTI-NITRO PLUS
20, 38	KARANJA OIL
23, 26	SEAWEED EXTRACT - SOLUBLE
8, 21, 38	HUMIC ACID - SOLUBLE
19	ROCK PHOSPHATE
	Fertoz
17	FERTIFY 2-8-4
19	ROCK PHOSPHATE
	Fleischmann's Vinegar Company, Inc
42	APPLE CIDER VINEGAR (Non-Organic)
42	APPLE CIDER VINEGAR (Organic)
36	VINAGREEN
	Huma
8	HUMA DRY HUMATES 70%
8, 21, 38	MV SOLUBLE POWDER
8	MICROMATE
	Intrepid
18	POTASH
18	TRIO (KMG)- GRANULAR AND STANDARD

Page(s)	
	Jet Harvest
35	JET AG 5%
39	JET OXIDE 5%
39	JET OXIDE 15%
	JH Biotech
15	AQUA POWER 5-1-1
9, 43	BIOACT SD
25	BIOMIN BOOSTER 126
25	BIOMIN BOOSTER 153
25	BIOMIN BOOSTER 235
24	BIOMIN BORON
25	BIOMIN CALCIUM
25	BIOMIN CAL-BORO
25	BIOMIN CAL-BORO LIGHT
25	BIOMIN COPPER
25	BIOMIN IRON
25	BIOMIN MAGNESIUM
25	BIOMIN MANGANESE
16	BIOMIN N 5-0-0
25	BIOMIN ZINC
21, 32, 38	BIOREPEL
32	FOSPHITE
8, 21, 38	FULMAX
8, 21, 38	HUMAX
23, 26	KELPSTIM
11, 21, 38	MIXWELL
11, 21, 38	NATURAL WET
7, 33	PEST OUT
26	PROMOT PLUS
13, 19	SOLUPHOS SP
36	WEED ZAP
	KeyPlex
33	AWP
33	SPORAN EC2
	Marrone Bio Innovations
33	REGALIA
	Martin Resources
12, 40	99.5% ELEMENTAL SULFUR
12, 22	CSC DS-90 ORGANIC SULFUR PASTILLE
	MGK
7, 29	DeBug ON
	Mizkan
40	12% VINEGAR
40	15% VINEGAR

Index by Manufacturer

<i>Page(s)</i>	
	MycoApply
14, 27	ENDO MYCORRHIZAL BLENDS
14, 27	ENDO / ECTO MYCORRHIZAL BLENDS
	MycoPro
14, 27	MYCOPRO AG
14, 27	MYCOPRO AG PLUS
	Natural Resources Group
10, 28	ACTIVATE MICROBES W/ WAKE UP ORGANO
10, 16, 28	ACTIVATE NF MIXED W/ WAKE UP ORGANO
10, 28	ACTIVATE PMSLA MIXED W/ WAKE UP ORGANO
23	CALCIUM CHELATE W/Boron LIQUID FOLIAR
9, 13	NATURE'S SOLUTION
10, 28	WAKE-UP ORGANO
	Nature's Source
16	NURSERY AND SPECIAL PLANT FOOD 10-4-5
13, 16	ORGANIC PLANT FOOD 3-1-1
	Novozymes BioAg
33	ACTINOVATE AG
	Oldcastle/Back to Earth
43	WORM CASTINGS
	Permaguard
33	FIRE ANT INSECTICIDE D-20
41	FOSSIL SHELL FLOUR (DIATOMACEOUS EARTH)
33	GRAIN OR SEED STORAGE INSECTICIDE D-10
	Plant Revolution
14, 27	MYCOPRO AG
14, 27	MYCOPRO AG PLUS
	Quality Liquid Feeds
9	L-CBF TERRA FED 1-0-3 (CANE MOLASSES)
	Redmond Minerals
41	ANTI-CAKING AGENT (CONDITIONER)
41	NATURAL MINERAL SALT BLOCK
41	NATURAL TRACE MINERAL SALT
	Sipcam/Advan
36	COCOON
	Soda Springs Phosphate
19	SOFT ROCK PHOSPHATE

<i>Page(s)</i>	
	SQM
18	ALLGANIC MAKRO 60
16	ALLGANIC NITROGEN PLUS 15-0-2
	Summit Gold
16	GENESYS N-FORCE 8-0-0
	Tidal Organics
22, 41, 43	KELP MEAL
	Tiger Sulfur
12, 40	99.5% ELEMENTAL SULFUR
12, 22	TIGER ORGANIC 90 CR SULPHUR
	TRUE Organic Products
17	4-4-2 AG PELLETS
17	5-5-2 AG PELLETS
17	8-5-1 AG PELLETS
	U.S. Borax
24	FERTIBOR
24	GRANUBOR
24	OPTIBOR
24	SOLUBOR
	UPI (United Phosphorus, Inc)
34	MICROTHIOL DISPERS
	Valent BioSciences
34	AZERA
34	DIPEL DF
26	PRO GIBB LV PLUS
34	PYGANIC CROP PROTECTION EC 1.4 II
34	PYGANIC CROP PROTECTION EC 5.0 II
34	XENTARI
	Westway
9, 43	MOLASSES
	Wick's Livestock Nutrition LLC
42	APPLE CIDER VINEGAR (Non-Organic)
42	APPLE CIDER VINEGAR (Organic)

Don't forget about the clearance and overstocked items **on page 7**

AGRICULTURE PRODUCT LIST - May 2026

Clearance Items

<i>Company</i>	<i>Pkg Size</i>	<i>Qty Available</i>	<i>List Price</i>	<i>Clearance Price</i>	<i>Unit</i>
Agro Logistics					
Debug ON	2.5 gal jug	120 gal	\$43.50	\$15.00	/gal
Agro Research					
Weed Slayer KITT	2 qt KITT	7 KITTS	\$65.00	\$25.00	/qt
<i>Discontinued by manufacturer</i>	5 gal KITT	10 KITTS	\$100.00	\$45.00	/gal
Albion					
Metalosate Copper	5 lb jug	5 lb	\$21.50	\$10.00	/lb
<i>Direct ship only (after current stock sold)</i>					
Brandt/Monterey					
719 Spreader	1 gal jug	1 gal	\$91.00	\$65.00	/gal
<i>Direct ship only (after current stock sold)</i>					
CMR Adjuvant Cottonseed Oil	2.5 gal jug	5 gal	\$16.00	\$4.00	/gal
<i>Discontinued by manufacturer</i>					
Lime Sulfur	2.5 gal jug	10 gal	\$17.50	2.5 gal - \$11.00	/gal
<i>Direct ship only (after current stock sold)</i>					
			\$16.25	5+ gal - \$10.00	/gal
Diamond K					
Aqua Drive	2.5 gal jug	85 gal	\$43.50	\$20.00	/gal
<i>Direct ship only (after current stock sold)</i>					
Ferti Organic					
Neem Cake	50 lb bag	100 lb	\$3.45	\$1.00	/lb
<i>Direct ship only (after current stock sold)</i>					
JH Biotech					
Pest Out	quart	10 qts	\$18.00	\$10.00	/qt
<i>Direct ship only (after current stock sold)</i>					

Prices Subject to Change - All Orders Subject to Shipping Charges

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

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 Texas --

50+ lb	\$5.65 /lb
250+ lb	\$4.65 /lb
1000+ lb	\$4.20 /lb
Pallet (50 lb bags)	\$4.10 /lb

Larger Quantities - Call for quote

Ferti-Organic ◦ FULVIC PLUS

Soluble Powder, 90% Fulvic Acid

For use in the soil or as foliar adjuvant.

-- FOB Texas --

50+ lb	\$5.25 /lb
250+ lb	\$5.00 /lb
1000+ lb	\$4.50 /lb
Pallet (50 lb bags)	\$4.40 /lb

Larger Quantities - Call for quote

JH Biotech ◦ FULMAX

3% Fulvic Acid

For use in the soil or as foliar adjuvant.

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

5+ gal	\$19.00 /gal
20+ gal	\$17.00 /gal
80+ gal	\$16.00 /gal
Pallet (180 gal)	\$15.00 /gal

Larger Quantities - Call for quote

JH Biotech ◦ HUMAX

12% Humic Acid

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse. Texas --

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

-- FOB Mfr. TX / CA / FL --

5+ gal	\$11.00 /gal
20+ gal	\$9.50 /gal
80+ gal	\$9.25 /gal
Pallet (180 gal)	\$8.75 /gal

Larger Quantities - Call for quote

Huma ◦ SOLUBLE HUMIC POWDER

80% Humic Acid - Water Soluble

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

Direct Ship Only

-- FOB Mfr. NM --

Pallet (55 lb bags)	\$4.15 /lb
---------------------	------------

Larger Quantities - Call for quote

Huma MICROMATE

Soluble Prills

Designed for suspension in liquid

24% Humic/Fulvic Acid
with clay mineral suspension agent

-- FOB New Mexico --

Pallet lbs)	\$1.70 /lb
(30 lb bags, 2100 lbs)	

Larger Quantities - Call for quote

◦ DRY HUMATES

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

AG GRADE (2-6 mm)

Direct Ship Only

-- FOB Mfr. NM --

Pallet (50 lb bags)	\$0.30 /lb
2000 lb Super Bag	\$0.25 /lb
3+ Super Bags	\$0.24 /lb

Larger Quantities - Call for quote

GREENS GRADE (1-3 mm)

Direct Ship Only

-- FOB Mfr. NM --

Pallet (50 lb bags)	\$0.39 /lb
2000 lb Super Bag	\$0.33 /lb
3+ Super Bags	\$0.32 /lb

Larger Quantities - Call for quote

Additional Humate Products Available

See Website Notes for more info

Custom Screening and
Various Particle Sizes Possible

Direct Ship - Pallet Quantities Only FOB
Mfr, NM

Borregaard USA ◦ BORREGRO HA-2

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr. WI --

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

Larger Quantities - Call for quote

Soil Amendments

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

MICROBES AND

MICROBIAL FOOD SOURCES

Microbial treatments and food sources for soil application can significantly improve yield and quality in most crops while improving the resiliency, tilth, and texture of the soil.

NRG

OR **NATURE'S SOLUTION**

Liquid Mineral Complex

Stimulates microbial activity, rooting, and plant vigor.

Derived from microbially digested chicken manure solution

Direct Ship Only

-- FOB Mfr. CA --

Pallet Tank \$2.50 /gal

1100 gal (in totes) \$2.40 /gal

Larger Quantities - Call for quote

Westway

MOLASSES

Soil Energy Amendment

1 ton of molasses will equal about 170 gallons

Direct Ship Only

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

½ Bulk Truckload **Quote /ton**

Bulk Truckload **Quote /ton**

Larger Quantities - Call for quote

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

QLF

L-CBF TerraFed 1-0-3

Soil Energy Amendment

QLF Cane Molasses with 35% sugars packaged with a fermentation yeast extract

Direct Ship Only

-- FOB Mfr. AZ, MN, etc --

1 Pallet Tank \$865.00 /ton
(1.25 tons)

4 Pallet Tanks \$835.00 /ton
(5 tons)

Larger Quantities - Call for quote

Differentiating between

Organic Residue

and Organic Matter

A bumper harvest of leftover residue is a wonderful resource that can become a real problem planting time if left undecomposed. This situation can occur following a good corn crop, cover crop, or a rapid succession of vegetable plantings.

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

BioAct SD can help with this conversion process.

It is formulated to quickly and efficiently break down

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

JH Biotech

BIOACT SD

Fungal Decay Organisms

Stubble digester that accelerates the degrading process of field stubble and crop residue

Usage Rates: 1 - 2 lb/ acre

Direct Ship Only

-- FOB Mfr. CA --

20+ lb \$18.00 /lb

60+ lb \$17.00 /lb

120+ lb \$16.00 /lb

480+ lb \$15.50 /lb

Larger Quantities - Call for quote

Soil Amendments

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

MICROBES AND MICROBIAL FOOD

SOURCES

(cont)

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

Wake-Up Organo.

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

NRG

◦ **WAKE-UP ORGANO**

Soluble Microbial Food

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

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

Direct Ship Only

-- FOB Mfr. CA --

30+ lb \$13.50 /lb

150+ lb \$13.15 /lb

Larger Quantities - Call for quote

NRG

◦ **ACTIVATE SERIES**

WATER SOLUBLE MICROBES

COMBINED WITH

WAKEUP ORGANO (WUO)

INDIVIDUAL BACTERIA SPECIES AND BLENDS

MIXED WITH PROPRIETARY SOLUBLE FOOD SOURCES

◦ **ACTIVATE PMSLA + WUO**

5 bacillus species blend of bacteria spores

◦ **ACTIVATE NF + WUO**

4 bacillus species blend of bacteria spores

◦ **ACTIVATE - A1005 + WUO**

Bacillus Subtilis

◦ **ACTIVATE - A2004 + WUO**

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

◦ **ACTIVATE - A2005 + WUO**

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

Direct Ship Only

-- FOB Mfr. CA --

5.3 lb (bucket) \$35.00 /lb

31.8 lb (bucket) \$28.50 /lb

159 lb (5 buckets) \$27.00 /lb

1000+ lb \$26.25 /lb

Larger Quantities - Call for quote

WETTING AGENTS AND SOIL SURFACTANTS

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

Farmer's Bane

Poor Internal Drainage of the soil.

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

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

If a soil becomes too compacted (through mineral imbalances)

to easily accept water at the surface and allow rapid infiltration. These mineral

imbalances also create

internal drainage problems

that allow salt buildup.

Water is wasted, roots stagnate,

and problems multiply.

And the Solution?

There is no "magic" solution

But read ahead to see how

Surfactants can be part of the answer.

Soil Amendments

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

WETTING AGENTS AND SOIL SURFACTANTS (cont)

Diamond K AQUA DRIVE

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

Not allowed for Organic Use

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

-- FOB Mfr. UT --

Pallet (180 gal) \$40.75 /gal

Pallet Tank \$38.60 /gal

Larger Quantities - Call for quote

Internal Drainage Kickstarter

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

Internal drainage and soil/air exchange can be temporarily improved by application of surfactants. Once drainage is established, continuing application of biological and/or mineral amendments can maintain drainage; improving root growth and nutrient uptake in the soil rhizosphere

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

JH Biotech MIXWELL

40.0%

B-Hydroxytricarballic acid
Improves soil characteristics by lowering the soil pH.

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

5+ gal \$21.00 /gal

20+ gal \$19.00 /gal

80+ gal \$18.00 /gal

Pallet (180 gal) \$17.00 /gal

Larger Quantities - Call for quote

JH Biotech NATURAL WET

Contains Saponins derived from Yucca Plants

10% Yucca compounds
Natural, non-ionic surfactant.

-- FOB Mfr. TX / CA / FL --

5+ gal \$26.00 /gal

20+ gal \$23.75 /gal

80+ gal \$23.00 /gal

Pallet (180 gal) \$21.25 /gal

Larger Quantities - Call for quote

Brandt Organics AG-AIDE

Yucca Extract
Natural, non-ionic surfactant.

-- FOB Mfr, CA / IL -

20 gal \$132.00 /gal

80 gal \$125.00 /gal

Pallet (144 gal) \$116.00 /gal

Larger Quantities - Call for quote

Soil Amendments

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

MINERALS

CALCIUM AND SULFUR

The most productive range of soil pH for the great majority of edible plants is from about 6 to 7. See chart to right.

Using **Lime on low pH** soils and **Sulfur on high pH soils** is a common and sensible way to temporarily adjust the pH of a marginal soil, improving its "growth quotient".

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

90% SOIL SULFUR

Pastille Sulfur

Suitable for dry application to the soil.

Temporarily lowers soil pH;

Improves mineral uptake and aids in sodium leaching in high pH soils.

-- FOB Mfr. TX (Martin) --

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

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

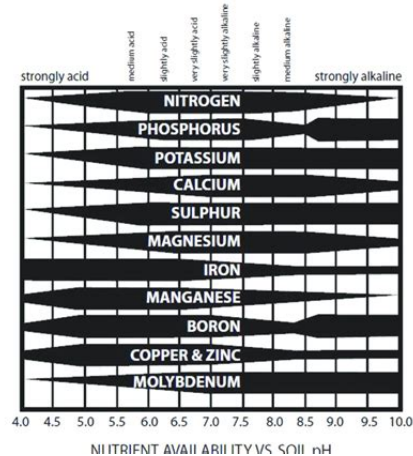
Pallet (50 lb bags)	Quote /lb
2000 lb Super Bag	Quote /lb
3+ Super Bags	Quote /lb

Larger Quantities - Call for quote

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

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

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



99.5% ELEMENTAL SULFUR

Pastille Sulfur

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

Direct Ship Only

-- FOB Mfr. TX (Martin) --

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

Calcium Products

98% STANDARD

Pelletized Limestone

Suitable for dry application to the soil.

98% pure calcitic limestone

Calcium source and pH adjuster recommended for acidic soils.

Direct Ship Only

-- FOB Mfr. IA --

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

Larger Quantities - Call for quote

Diamond K

GYPSUM

SOLUTION GRADE 97

97% Pure Calcium Sulfate

Water suspendable/soluble powder

Can be applied through drip or pivot.

Improves soils irrigated with poor quality water.

Direct Ship Only

-- FOB Mfr. UT --

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

Larger Quantities - Call for quote

Soil Amendments

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

Seed and Seed Trench Treatments

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

Especially useful when planting in challenging soil and temperature environments.

CR Brown BROWN'S FISH HYDROLYSATE

2 - 3 - 1

Cold processed hydrolysate

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

Promotes soil microbe growth and diversity.

Good source of highly available phosphate for early root growth.

-- FOB Mfr. NC --

20+ gal	\$9.50 /gal
80+ gal	\$9.10 /gal
Pallet (180 gal)	\$8.50 /gal
Drum - 55 gal	\$5.75 /gal
Drum - 2-55 gal	\$6.00 /gal
Drums 4-55 gal	\$5.50 /gal
Pallet Tank	\$4.95 /gal
1040 gal (4 totes)	\$4.80 /gal
2600 gal (10 totes)	\$4.65 /gal
4420 gal (17 totes)	Quote /gal

NRG OR NATURE'S SOLUTION

Liquid Mineral Complex

Stimulates microbial activity, rooting, and plant vigor.

Derived from microbially digested chicken manure solution

Direct Ship Only

-- FOB Mfr. CA --

Pallet Tank	\$2.50 /gal
1100 gal (in totes)	\$2.40 /gal

Larger Quantities - Call for quote

JH Biotech SOLUPHOS SP

Microbial Inoculant for soil

Phosphate solubilizing bacteria

make P more available to plant roots

Bacillus licheniformis

Pseudomonas putida

Direct Ship Only

-- FOB Mfr. CA --

20+ lb	\$17.50 /lb
100+ lb	\$16.00 /lb

Larger Quantities - Call for quote

Nature's Source ORGANIC PLANT FOOD 3-1-1

Derived from fermented oilseed extract

Contains secondary micronutrients along with calcium and magnesium.

Far lower salt index than most commonly used water-soluble fertilizers. **Appropriate for continuous feed (hydroponic) and for field crops.**

Direct Ship Only

-- FOB Mfr. TX --

5+ gal	\$13.50 /gal
20+ gal	\$11.65 /gal
80+ gal	\$11.20 /gal
Pallet (180 gal)	\$10.25 /gal
Pallet Tank (250 gal)	\$8.00 /gal
1000 gal (in totes)	\$7.65 /gal

Larger Quantities - Call for quote

AgriEnergy Solutions

ENDO 25

Blend of naturally occurring bacteria and fungi

Includes talc and graphite for seed flowability. Promotes nutrient solubility and establishes early positive feedback loops necessary for strong plant health and yields.

Direct Ship Only

-- FOB Mfr. IL --

1.1+ lb	\$85.00 /lb
2.2+ lb	\$75.00 /lb
10+ lb	\$60.00 /lb
22+ lb	\$52.00 /lb
110+ lb	\$50.00 /lb

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Soil Amendments

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

Mycorrhizal Fungi

"The Friendly Fungus"

Mvco Pro
o **MYCORRHIZAE**
ENDO FUNGAL SPECIES
 Symbiotic with Plant Roots

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

o **MYCOPRO AG**
 5 endo species blend
 For drv or liquid application.
 Suspendable in water with agitation.
 1 pound treats up to 1 acre

Direct Ship Only
 -- FOB CA --

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

o **MYCOPRO AG PLUS**
 5 endo species blend
 Concentrated,
 Easily suspendable powder.
 1 pound treats up to 150 acres

Direct Ship Only
 -- FOB CA --

1 lb	\$1285.00 /lb
2 lb	\$1242.00 /lb
4 lb	\$1225.00 /lb
10 lb	\$1200.00 /lb

Mvco Applv
o **MYCORRHIZAE**
 Symbiotic with Plant Roots

ENDO FUNGAL SPECIES
o **GRANULAR ENDO**
 4 species blend
 For soil or media application

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

Direct Ship Only
 -- FOB CA --

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

ENDO-ECTO FUNGAL SPECIES

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

o **ULTRAFINE ENDO / ECTO**
 4 Endo / 7 Ecto Species
 For drv or liquid application.
 Suspendable in water with agitation.

Direct Ship Only
 -- FOB CA --

20+ lb	\$20.00 /lb
100+ lb	\$19.00 /lb
400+ lb	\$18.50 /lb

o **SOLUBLE MAXX ENDO / ECTO**
 9 Endo / 10 Ecto Species
 w/ Kelp and Humic Acid

Water soluble Soil Drench w/specially blended amendments.

Direct Ship Only
 -- FOB CA --

1+ lb	\$48.00 /lb
4+ lb	\$45.00 /lb
20+ lb	\$44.00 /lb
100+ lb	\$42.35 /lb

The Farmer's Fungus

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

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

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

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

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

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

Albion

METALOSATE NPK

4-17-17

Amino Acid Chelate

Liquid formulation for foliar application.

Not allowed for Organic Use

Direct Ship Only

-- FOB Mfr. UT --

5+ gal	\$39.00 /gal
20+ gal	\$37.50 /gal
80+ gal	\$36.50 /gal
Pallet (180 gal)	\$35.75 /gal

Larger Quantities - Call for quote

CR Brown

^oBROWN'S FISH HYDROLYSATE

2 - 3 - 1

Cold processed hydrolysate

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

Promotes soil microbe growth and diversity.

Good source of highly available phosphate for early root growth.

-- FOB Mfr. NC --

20+ gal	\$9.50 /gal
80+ gal	\$9.10 /gal
Pallet (180 gal)	\$8.50 /gal
Drum - 55 gal	\$6.00 /gal
Drums 2-55 gal	\$5.75 /gal
Drums 4-55 gal	\$5.50 /gal
Pallet Tank	\$4.95 /gal
1040 gal (4 totes)	\$4.80 /gal
2600 gal (10 totes)	\$4.65 /gal
4420 gal (17 totes)	Quote /gal

Darling Ingredients

^oNATURE SAFE BLENDING BASE 13-0-0

Slow Release N

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

Hydrolyzed feather, meat, and blood meal.

Direct Ship Only

-- FOB Mfr. KY --

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

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

Direct Ship Only

-- FOB Mfr. KY --

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

Larger Quantities - Call for quote

Darling Ingredients

^oNATURE SAFE 10-2-8 COARSE GRADE

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

Direct Ship Only

-- FOB Mfr. KY --

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

Larger Quantities - Call for quote

Darling Ingredients

^oNATURE SAFE 8-5-5 PELLETTED GRADE

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

Direct Ship Only

-- FOB Mfr. KY --

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

Larger Quantities - Call for quote

Darling Ingredients

^oNATURE SAFE 7-7-7

Dry Flowable powder derived from corn steep liquor.

Direct Ship Only

-- FOB Mfr. KY --

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

Larger Quantities - Call for quote

Ferti-Organic

^oNITRO PLUS 13.62-0-0

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

(Rates of 2 - 9 lb per acre)

Direct Ship Only

-- FOB Mfr. TX --

50+ lb (/lb)	\$6.75 /lb
250+ lb (/lb)	\$6.50 /lb
1000+ lb (/lb)	\$5.80 /lb
Pallet (50 lb bags)	\$5.65 /lb

Larger Quantities - Call for quote

JH Biotech

^oAQUA POWER 5-1-1

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

-- FOB Mfr. TX / CA / FL --

5+ gal	\$15.00 /gal
20+ gal	\$13.20 /gal
80+ gal	\$12.75 /gal
Pallet (180 gal)	\$12.00 /gal
Drum - 55 gal	\$11.60 /gal
Drums 4-55 gal	\$11.15 /gal
Pallet Tank (250 gal)	\$10.65 /gal

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(CONT)

JH Biotech

° BIOMIN N 5-0-0

5.0% Nitrogen

Natural, organic fertilizer derived from hydrolyzed vegetable proteins.

-- FOB Mfr. TX / CA / FL --

5+ gal	\$14.00 /gal
20+ gal	\$12.00 /gal
80+ gal	\$11.25 /gal
Pallet (180 gal)	\$10.75 /gal
Drum - 55 gal	\$10.25 /gal
Pallet Tank	\$9.40 /gal

Larger Quantities - Call for quote

Nature's Source

° ORGANIC PLANT FOOD

3-1-1

Derived from fermented oilseed extract Contains secondary micronutrients along with calcium and magnesium.

Far lower salt index than most commonly used water-soluble fertilizers. **Appropriate for continuous feed (hydroponic) and for field crops.**

Direct Ship Only

-- FOB Mfr. TX --

5+ gal	\$13.50 /gal
20+ gal	\$11.65 /gal
80+ gal	\$11.20 /gal
Pallet (180 gal)	\$10.25 /gal
Pallet Tank (250 gal)	\$8.00 /gal
1000 gal (in totes)	\$7.65 /gal

Larger Quantities - Call for quote

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

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

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

Not allowed for Organic Use

Direct Ship Only

-- FOB Mfr. TX --

5+ gal	\$13.00 /gal
20+ gal	\$11.50 /gal
80+ gal	\$11.00 /gal
Pallet (180 gal)	\$10.00 /gal
Pallet Tank (275 gal)	\$7.25 /gal

Larger Quantities - Call for quote

NRG

° ACTIVATE NF WITH WAKE-UP ORGANO

Water Soluble, Nitrogen-Fixing Bacteria Spores and Soluble Food Sources.

These free living and root colonizing organisms have the capability to fix soil nitrogen from the atmosphere.

Direct Ship Only

-- FOB Mfr. CA --

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

Larger Quantities - Call for quote

SQM OR ALLGANIC NITROGEN PLUS

15-0-2

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

-- FOB EO Warehouse. Texas --

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

FOB Mfr,

-- TX / DE / CA / FL --

Pallet (50 lb bags)	\$0.85 /lb
3+ Pallets (50 lb bags)	\$0.83 /lb
2645 lb Super Bag	\$0.83 /lb
3+ Super Bags	\$0.80 /lb

Larger Quantities - Call for quote

Summit Gold ° GENESYS N-FORCE 8-0-0

Liquid formulation of nutrients derived from plant protein hydrolysate

100% derived from L-amino acids

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

Direct Ship Only

-- FOB Mfr. IL --

Pallet (180 gal)	\$16.50 /gal
Pallet Tank (265 gal)	\$14.10 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(MANURES)

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)	\$0.25 /lb
2000 lb Super Bag	NA /lb
3+ Super Bags	NA /lb

Larger Quantities - Call for quote

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

Direct Ship Only
 -- FOB Mfr. WI --

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

Larger Quantities - Call for quote

Cal-Maine

FOB Utah

° **ALL NATURAL 4-3-2**
+ 8% CALCIUM

Pelletized Chicken Manure

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

Direct Ship Only
 -- FOB Mfr. UT --

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

Larger Quantities - Call for quote

7H Nutrients

° **7H 4-2-4**

Pelletized Chicken Manure

4-2-4 Slow release N;
 also a source of Ca, P, and K.

Direct Ship Only
 -- FOB Mfr, TX --

Pallet (40 lb bags)	\$0.22 /lb
2000 lb Super Bag	\$0.16 /lb
3+ Super Bags	\$0.15 /lb

Larger Quantities - Call for quote

7H Nutrients

° **7H 4-2-4**

Granular Chicken Manure

4-2-4 Slow release N;
 also a source of Ca, P, and K.

Direct Ship Only
 -- FOB Mfr, TX --

Pallet (40 lb bags)	\$0.25 /lb
2000 lb Super Bag	\$0.19 /lb
3+ Super Bags	\$0.18 /lb

Larger Quantities - Call for quote

Fertoz

FOB Utah

° **FERTIFY 2-8-4**

Pelleted Chicken Litter fortified with Rock Phosphate and Sulfate of Potash

Direct Ship Only
 -- FOB Mfr. MT --

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

Larger Quantities - Call for quote

HE Ranch

FOB Arizona

° **THE FARMS CHOICE 4-2-2 Heat Treated**

A meal-type product - **can be dusty.**
 Direct Ship Only

-- FOB Mfr. AZ --

Bulk Only Quote /lb
Larger Quantities - Call for quote

True Organic Products

FOB Arizona

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

° **TRUE 4-4-2**

Chicken Manure **Pellets**

Direct Ship Only
 -- FOB Mfr. AZ --

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

Larger Quantities - Call for quote

° **TRUE 5-5-2**

Chicken Manure **Pellets**

Direct Ship Only
 -- FOB Mfr. AZ --

2000 lb Super Bag	\$0.21 /lb
3+ Super Bags	\$0.20 /lb

Larger Quantities - Call for quote

° **TRUE 8-5-1**

Chicken Manure **Pellets**

Direct Ship Only
 -- FOB Mfr. AZ --

2000 lb Super Bag	\$0.33 /lb
3+ Super Bags	\$0.32 /lb

Larger Quantities - Call for quote

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(POTASSIUM)

Albion

^o METALOSATE POTASSIUM

Amino Acid Chelated
Water Soluble for Foliar Applications

3.0% N; 35.0% K (Potash)

Direct Ship Only

-- FOB Mfr. UT / CA --

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

Larger Quantities - Call for quote

Compass Minerals

^o PROTASSIUM+

0-0-50 contains 17% Sulfur

Organic Ag Gran (310 SGN)

Direct Ship Only

-- FOB Mfr. UT / IL --

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

Larger Quantities - Call for quote

Diamond K

^o ULTRAFINES SULFATE OF POTASH

0-0-50

Potassium Sulfate, Water Soluble, Fine Powder

-- FOB Mfr. UT --

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

Larger Quantities - Call for quote

Intrepid

OR ^o POTASH

Muriate of Potash 0-0-60

Water Soluble Potassium Chloride

Granular - SGN 290 (2.9 mm)

Direct Ship Only

-- FOB Mfr. UT, IN --

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

Larger Quantities - Call for quote

SQM

OR ^o ALLGANIC MAKRO 60

0-0-60

Potassium Chloride
Water soluble source of K

FOB Mfr,

-- TX / DE / CA / FL --

Pallet (50 lb bags)	\$0.43 /lb
3+ Pallets (50 lb bags)	\$0.42 /lb
2645 lb Super Bag	\$0.42 /lb
3+ Super Bags	\$0.40 /lb

Larger Quantities - Call for quote

NPK - FERTILIZERS

(POTASSIUM/MAGNESIUM)

Diamond K

^o 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)	\$0.50 /lb
3+ Pallets	\$0.48 /lb

Larger Quantities - Call for quote

Intrepid

^o TRIO

Organic K-Mag

0-0-22-11Mg-22S

Potassium-Magnesium Sulfate

Granular - SGN 260 (2.6 mm)

Direct Ship Only

-- FOB Mfr. NM, --

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

Larger Quantities - Call for quote

Standard - SGN 105 (1.05 mm)

Direct Ship Only

-- FOB Mfr. NM --

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

Larger Quantities - Call for quote

Fine Standard - SGN 40 (0.4 mm)

Direct Ship Only

-- FOB Mfr. NM --

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

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

NPK - FERTILIZERS

(PHOSPHORUS)

Fertoz

° **ROCK PHOSPHATE**

0-7-0

Calcium Phosphate

04 - 10 Mesh (Powdered) Unrefined

Direct Ship Only
-- FOB Mfr. MT --

2000 lb Super Bag **Quote /lb**
3+ Super Bags **Quote /lb**
Larger Quantities - Call for quote

Screened to 30 Mesh (Powdered)

Direct Ship Only
-- FOB Mfr. MT --

2000 lb Super Bag **Quote /lb**
3+ Super Bags **Quote /lb**
Larger Quantities - Call for quote

325 Mesh Micronized

Direct Ship Only
-- FOB Mfr. ID --

Pallet (50 lb bags) **Quote /lb**
2000 lb Super Bag **Quote /lb**
3+ Super Bags **Quote /lb**
Larger Quantities - Call for quote

Granular 240 SGN

Direct Ship Only
-- FOB Mfr. ID --

Pallet (50 lb bags) **Quote /lb**
2000 lb Super Bag **Quote /lb**
3+ Super Bags **Quote /lb**
Larger Quantities - Call for quote

Soda Springs

° **SOFT ROCK PHOSPHATE**

20% Calcium, 20% Phosphate
Prilled using a Molasses Binder

Direct Ship Only
-- FOB Mfr. ID --

Pallet (50 lb bags) \$0.16 /lb
2150 lb Super Bag \$0.15 /lb
Larger Quantities - Call for quote

Ferti-Organic

° **ROCK PHOSPHATE**

30% Calcium, 28% Phosphate
One of the highest grade
organic-approved rock phosphate
sources available.

Direct Ship Only
-- FOB MFR TX --

50+ lb \$1.60 /lb
250+ lb \$1.45 /lb
1000+ lb \$1.40 /lb
Pallet (50 lb bags) \$1.35 /lb
Larger Quantities - Call for quote

Releasing Phosphorous from the Soil by Microbial Action

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

(See chart on page 12)

(see next column)

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

JH Biotech

° **SOLUPHOS SP**

Microbial Inoculant

Phosphate Solubilizing Bacteria
Bacillus licheniformis
Pseudomonas putida

Direct Ship Only
-- FOB Mfr. CA --

20+ lb \$17.50 /lb
100+ lb \$16.00 /lb
Larger Quantities - Call for quote

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS

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

Agro Research

^oORGANIC CITRIC ACID

10% - For water pH adjustment

Adjusts water pH levels as required for certain tank mixes.

-- FOB EO Warehouse. Texas --

1+ gal \$10.00 /gal

-- FOB Mfr. FL --

4+ gal \$9.75 /gal

20+ gal \$7.25 /gal

80+ gal \$6.65 /gal

Pallet (144 gal) \$6.50 /gal

Larger Quantities - Call for quote

Attune

OR AMPERSAND

Spray Adjuvant - Sorbitol, Glycerol, Polysaccharide Gums

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

Direct Ship Only

-- FOB Mfr. FL --

180+ gal \$51.00 /gal

540+ (3 pallets) \$48.35 /gal

Larger Quantities - Call for quote

Brandt Organics

^oAG-AIDE

Yucca Extract, 100% Yucca

Natural, non-Ionic surfactant

Facilitates nutrient & water absorption.

-- FOB Mfr, CA / IL --

20+ gal \$132.00 /gal

80+ gal \$125.00 /gal

Pallet (144 gal) \$116.00 /gal

Larger Quantities - Call for quote

Brandt Organics

OR SKH STICKER

Bentonite, Lactose and Casein

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

-- FOB Mfr, CA / IL --

50+ lb (case) \$1.65 /lb

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

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

Pallet (1400 lb) \$1.40 /lb

Larger Quantities - Call for quote

Brandt

OR 719 Spreader

Non-Ionic Organosilicone Penetrant and Wetting Agent

Unique trisiloxane surfactant and co-polymer formulation.

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

-- FOB EO Warehouse. Texas --

Clearance Pricing on In-Stock Inventory

1 gal \$65.00 /gal

See Clearance page for more info

-- FOB Mfr, CA / IL --

20+ gal \$76.00 /gal

80+ gal \$72.00 /gal

Pallet (180 gal) \$67.00 /gal

Larger Quantities - Call for quote

Brandt

OR SUPER WETTER

Organosilicone Surfactant

Highly concentrated, especially effective for low-volume spraying.

-- FOB Mfr, CA / IL --

20+ gal \$87.50 /gal

80+ gal \$86.50 /gal

Pallet (144 gal) \$82.00 /gal

Larger Quantities - Call for quote

Ferti-Organic

^oSOLUBLE HUMIC ACID

Soluble Powder

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

-- FOB Mfr. Texas --

50+ lb \$5.15 /lb

250+ lb \$4.65 /lb

1000+ lb \$4.20 /lb

Pallet (50 lb bags) \$4.10 /lb

Larger Quantities - Call for quote

Ferti-Organic

^oFULVIC PLUS

Soluble Powder

90% Fulvic Acid

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

-- FOB Mfr. Texas --

50+ lb \$5.65 /lb

250+ lb \$5.00 /lb

1000+ lb \$4.50 /lb

Pallet (50 lb bags) \$4.40 /lb

Larger Quantities - Call for quote

Ferti-Organic

^oKARANJA OIL

Cold Pressed Karanja Oil

Adjuvant - Improves Efficacy of Neem Oil and other Pesticides.

-- FOB EO Warehouse. Texas --

1 gal \$52.00 /gal

-- FOB Mfr. TX --

5+ gal \$48.50 /gal

20+ gal \$45.00 /gal

80+ gal \$43.75 /gal

Pallet (160 gal) \$42.50 /gal

Drum - 55 gal \$43.75 /gal

Drums 4-55 gal \$42.50 /gal

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

ADJUVANTS

(cont)

Huma

° SOLUBLE HUMIC POWDER

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

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

Direct Ship Only

-- FOB Mfr. NM --

Pallet (55 lb bags) \$4.15 /lb

Larger Quantities - Call for quote

JH Biotech

° FULMAX

3% Fulvic Acid

For use in the soil or as foliar adjuvant.

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

5+ gal \$19.00 /gal

20+ gal \$17.00 /gal

80+ gal \$16.00 /gal

Pallet (180 gal) \$15.00 /gal

Larger Quantities - Call for quote

JH Biotech

° HUMAX

12% Humic Acid

For use in the soil or as foliar adjuvant.

-- FOB Mfr. TX / CA / FL --

5+ gal \$11.00 /gal

20+ gal \$9.50 /gal

80+ gal \$9.25 /gal

Pallet (180 gal) \$8.75 /gal

Larger Quantities - Call for quote

Borregaard USA

° BORREGRO HA-2

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr. WI --

Pallet Tank **Quote /gal**

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

Larger Quantities - Call for quote

JH Biotech

° MIXWELL

Acidifier-Complexing Agent

Acidifies high pH tank mixes

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

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

5+ gal \$21.00 /gal

20+ gal \$19.00 /gal

80+ gal \$18.00 /gal

Pallet (180 gal) \$17.00 /gal

Larger Quantities - Call for quote

JH Biotech

° NATURAL WET

Contains Saponins

Natural, non-ionic surfactant
derived from Yucca Plants.

Facilitates nutrient & water absorption.

-- FOB Mfr. TX / CA / FL --

5+ gal \$26.00 /gal

20+ gal \$23.75 /gal

80+ gal \$23.00 /gal

Pallet (180 gal) \$21.25 /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 Mfr. TX / CA / FL --

5+ gal \$52.50 /gal

20+ gal \$51.00 /gal

80+ gal \$49.00 /gal

Pallet (180 gal) \$45.50 /gal

Drum - 55 gal \$47.60 /gal

Drums 4-55 gal \$44.50 /gal

Larger Quantities - Call for quote

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS

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

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

Calcium Sulfate

Water Soluble Powder; Can be Applied Through Drip or Pivot

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

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

Direct Ship Only
-- FOB Mfr. UT --

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

Larger Quantities - Call for quote

Calcium Products **°98G STANDARD**

Pelletized Limestone

98% pure calcitic limestone

Calcium source and pH adjuster

Direct Ship Only
-- FOB Mfr. IA --

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

Larger Quantities - Call for quote

Tiger-Sul or Martin

°90% SOIL SULFUR

Pastille Sulfur

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

SEE PAGE 13 FOR PH ADJUSTMENT DESCRIPTION

-- FOB 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 Mfr. TX --

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

Larger Quantities - Call for quote

Tidal Organics

°KELP MEAL

Feed supplement,

Animal Health supplement

-- FOB Mfr. TX --

250+ lb	\$3.10 /lb
1000+ lb	\$2.90 /lb
Pallet (50 lb bags)	\$2.45 /lb

Larger Quantities - Call for quote

Brandt

OR **FERROUS SULFATE**

20% Iron

Slowly Water Soluble

Direct Ship Only

-- FOB Mfr. CA --

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

Larger Quantities - Call for quote

OR **COPPER SULFATE**

20% Copper

Sprayable Copper Fertilizer

-- FOB Mfr. TX --

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

Larger Quantities - Call for quote

OR **ZINC SULFATE**

+/- 35% Zinc

Granular, Slowly Water Soluble

-- FOB Mfr. TX --

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

Larger Quantities - Call for quote

OR **MANGANESE SULFATE**

+/- 32% Manganese

Granular, Slowly Water Soluble

-- FOB Mfr. TX --

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

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS (CONT)

Azomite Minerals ◦ AZOMITE

Natural volcanic and sedimentary "exotic" trace mineral source.

Granular (For Crops)

Direct Ship Only
-- FOB Mfr. TX --

Pallet (44 lb bags)	\$0.41 /lb
3+ Pallets	\$0.40 /lb
10+ Pallets	\$0.39 /lb

Larger Quantities - Call for quote

Micronized (For Crops or Feed)

Fine powder

Direct Ship Only
-- FOB Mfr. TX --

Pallet (44 lb bags)	\$0.37 /lb
3+ Pallets	\$0.36 /lb
10+ Pallets	\$0.35 /lb

Larger Quantities - Call for quote

Field Grade (For Crops or Feed)

Grit texture with some powder

Direct Ship Only
-- FOB Mfr. TX --

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

Larger Quantities - Call for quote

NRG

CALCIUM CHELATE

6% Calcium, 0.5% Boron

Complexed Liquid, Efficient Uptake.

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr. CA --

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

Larger Quantities - Call for quote

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 Mfr TX --

50+ lb	\$8.00 /lb
250+ lb	\$7.00 /lb
1000+ lb	\$6.50 /lb
Pallet (50 lb bags)	\$6.35 /lb

Larger Quantities - Call for quote

JH Biotech

◦ KELPSTIM

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 Mfr. TX / CA / FL --

5+ gal	\$22.00 /gal
20+ gal	\$20.00 /gal
80+ gal	\$19.50 /gal
Pallet (180 gal)	\$18.00 /gal

Larger quantities - Call for quote

Certis

AGSIL 25

Foliar/Soil Available Bionutrient

Liquid Potassium Silicate

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

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr. CA / WA --

Drum - 55 gal	\$28.00 /gal
220 gal (in drums)	\$25.50 /gal

Larger Quantities - Call for quote

Certis

AGSIL 16H

Foliar/Soil Available Bionutrient

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

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr. CA / WA --

Pallet (50 lb bags)	QUOTE /lb
---------------------	-----------

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS (CONT)

U.S. Borax

OR **SOLUBOR**

20% Boron

Water Soluble

Note* Caution needed when applying Boron, especially foliar

See Chelated Boron for foliar applications

Direct Ship Only

-- FOB Mfr. CA / IL --

250+ lb **Quote /lb**

1000+ lb **Quote /lb**

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

Larger Quantities - Call for quote

U.S. Borax

OR **FERTIBOR**

15.0% Boron

Granular, Water Soluble

Suitable for soil application

Direct Ship Only

-- FOB Mfr. CA / IL --

250+ lb **Quote /lb**

1000+ lb **Quote /lb**

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

Larger Quantities - Call for quote

U.S. Borax

OR **GRANUBOR**

15.0% Boron

Granular, Water Soluble

Suitable for soil application

Direct Ship Only

-- FOB Mfr. CA / IL --

250+ lb **Quote /lb**

1000+ lb **Quote /lb**

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

Larger Quantities - Call for quote

U.S. Borax

OR **Optibor TG**

17% Boron

Water Soluble

Note* Caution needed when applying Boron, especially foliar

See Chelated Boron for foliar applications

Direct Ship Only

-- FOB Mfr. CA / IL --

250+ lb **Quote /lb**

1000+ lb **Quote /lb**

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

Larger Quantities - Call for quote

JH Biotech

OR **BIOMIN BORON**

3.0% Boron

Amino Acid Chelated

Water Soluble Minerals

Apply foliar or through drip

Designed for very efficient and

rapid mineral uptake.

-- FOB Mfr. TX / CA / FL --

5+ gal \$18.00 /gal

20+ gal \$16.25 /gal

80+ gal \$15.60 /gal

Pallet (180 gal) \$14.60 /gal

Drum - 55 gal \$14.60 /gal

Pallet Tank \$13.50 /gal

Larger Quantities - Call for quote

CHELATED MINOR ELEMENTS AND TRACE MINERALS

The Best Life of a Plant?

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

Respiration and growth are obviously a couple of the biggies. We hope that

Reproduction and the Immune

System aren't far behind!

For a plant to perform to its **genetic**

potential, it needs a **continuous,**

balanced nutrient supply - the better

to avoid taxing its limited energy supply.

The utility of Amino Acid chelated

micronutrients is that they provide the

plant with critical nutrients at a very low

energy cost to the plant.

Though only needed in small amounts,

micronutrients **are critical to plant**

health. And even if micronutrients are

"sufficient" in the soil they are often

outcompeted at the root level by the

major nutrients.

Q. So what is the most **plant-energy**

efficient way to provide a significant,

critical, and timely portion of the

micronutrient nutrition needed?

A. Use a high quality **chelated form** of

micronutrient supplied through regular

foliar spraying.

See Albion and JH Biotech Amino Acid

chelated micronutrients coming up next.

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

MINOR ELEMENTS AND TRACE MINERALS -

CHELATED

<p>Albion OR METALOSATES</p> <p>Amino Acid Chelated Water Soluble Minerals</p> <p>Apply foliar or through drip Designed for energy efficient and rapid mineral uptake</p> <p>OR COPPER</p> <p>16.0% Copper</p> <p>OR MANGANESE</p> <p>16.4% Manganese</p> <p>OR CALCIUM</p> <p>18.3% Calcium</p> <p>OR CALCIUM W/BORON</p> <p>13.0% Calcium. 5.0% Boron</p> <p>OR MAGNESIUM</p> <p>3.0% Magnesium</p> <p>OR ZINC</p> <p>19.3% Zinc</p> <p>OR IRON</p> <p>15.0% Iron</p> <p>Pricing for all above products</p> <p>Direct Ship Only -- FOB Mfr. UT / CA --</p> <table> <tr><td>10+ lb</td><td>\$16.50 /lb</td></tr> <tr><td>20+ lb</td><td>\$15.75 /lb</td></tr> <tr><td>40+ lb</td><td>\$15.30 /lb</td></tr> <tr><td>44 lb bag</td><td>\$12.80 /lb</td></tr> <tr><td>220 lb (5 bags)</td><td>\$12.50 /lb</td></tr> </table> <p><i>Larger Quantities - Call for quote</i></p>	10+ lb	\$16.50 /lb	20+ lb	\$15.75 /lb	40+ lb	\$15.30 /lb	44 lb bag	\$12.80 /lb	220 lb (5 bags)	\$12.50 /lb
10+ lb	\$16.50 /lb									
20+ lb	\$15.75 /lb									
40+ lb	\$15.30 /lb									
44 lb bag	\$12.80 /lb									
220 lb (5 bags)	\$12.50 /lb									

<p>Albion OR METALOSATE MULTIMINERAL</p> <p>Amino Acid Chelated Water Soluble Minerals</p> <p>Apply foliar or through drip Designed for energy efficient and rapid mineral uptake.</p> <p>N/Ca/Mg/Cu/Fe/Mn/Zn</p> <p>Direct Ship Only -- FOB Mfr. UT / CA --</p> <table> <tr><td>10+ lb</td><td>\$17.00 /lb</td></tr> <tr><td>20+ lb</td><td>\$16.50 /lb</td></tr> <tr><td>40+ lb</td><td>\$16.00 /lb</td></tr> <tr><td>44 lb bag</td><td>\$13.50 /lb</td></tr> <tr><td>220 lb (5 bags)</td><td>\$13.15 /lb</td></tr> </table> <p><i>Larger Quantities - Call for quote</i></p>	10+ lb	\$17.00 /lb	20+ lb	\$16.50 /lb	40+ lb	\$16.00 /lb	44 lb bag	\$13.50 /lb	220 lb (5 bags)	\$13.15 /lb
10+ lb	\$17.00 /lb									
20+ lb	\$16.50 /lb									
40+ lb	\$16.00 /lb									
44 lb bag	\$13.50 /lb									
220 lb (5 bags)	\$13.15 /lb									
<p>Albion OR METALOSATE CROP UP</p> <p>Amino Acid Chelated Water Soluble Minerals</p> <p>Apply foliar or through drip Designed for very efficient and rapid mineral uptake.</p> <p>N/Mg/Cu/Fe/Mn/Zn</p> <p>Direct Ship Only -- FOB Mfr. UT / CA --</p> <table> <tr><td>10+ lb</td><td>\$17.00 /lb</td></tr> <tr><td>20+ lb</td><td>\$16.50 /lb</td></tr> <tr><td>40+ lb</td><td>\$16.00 /lb</td></tr> <tr><td>44 lb bag</td><td>\$13.50 /lb</td></tr> <tr><td>220 lb (5 bags)</td><td>\$13.15 /lb</td></tr> </table> <p><i>Larger Quantities - Call for quote</i></p>	10+ lb	\$17.00 /lb	20+ lb	\$16.50 /lb	40+ lb	\$16.00 /lb	44 lb bag	\$13.50 /lb	220 lb (5 bags)	\$13.15 /lb
10+ lb	\$17.00 /lb									
20+ lb	\$16.50 /lb									
40+ lb	\$16.00 /lb									
44 lb bag	\$13.50 /lb									
220 lb (5 bags)	\$13.15 /lb									

<p>JH Biotech OR BIOMINS</p> <p>Amino Acid Chelated Liquid Minerals</p> <p>Apply foliar or through drip Designed for very efficient and rapid mineral uptake</p> <p>OR BIOMIN CALCIUM (5.0% Ca)</p> <p>OR BIOMIN CAL-BORO (5.0% Ca. 1.0% B)</p> <p>OR BIOMIN CAL-BORO LIGHT (5.0% Ca. 0.5% B)</p> <p>OR BIOMIN MAGNESIUM (3.0% Mg)</p> <p>OR BIOMIN IRON (5.0% Fe)</p> <p>OR BIOMIN MANGANESE (5.0% Mn)</p> <p>OR BIOMIN ZINC (7.0% Zn)</p> <p>OR BIOMIN COPPER (4.0% CU)</p> <p>OR BIOMIN BOOSTER 126 N. Mg. B. Cu. Fe. Mn. Zn w/Additional Zn</p> <p>OR BIOMIN BOOSTER 153 N. Mg. B. Cu. Fe. Mn. Zn w/Additional Mn</p> <p>OR BIOMIN BOOSTER 235 N. Mg. B. Cu. Fe. Mn. Zn</p> <table> <tr><td>5+ gal</td><td>\$22.00 /gal</td></tr> <tr><td>20+ gal</td><td>\$19.50 /gal</td></tr> <tr><td>80+ gal</td><td>\$18.50 /gal</td></tr> <tr><td>Pallet (180 gal)</td><td>\$17.50 /gal</td></tr> <tr><td>Drum - 55 gal</td><td>\$17.50 /gal</td></tr> <tr><td>Pallet Tank</td><td>\$16.25 /gal</td></tr> </table> <p><i>Larger Quantities - Call for quote</i></p>	5+ gal	\$22.00 /gal	20+ gal	\$19.50 /gal	80+ gal	\$18.50 /gal	Pallet (180 gal)	\$17.50 /gal	Drum - 55 gal	\$17.50 /gal	Pallet Tank	\$16.25 /gal
5+ gal	\$22.00 /gal											
20+ gal	\$19.50 /gal											
80+ gal	\$18.50 /gal											
Pallet (180 gal)	\$17.50 /gal											
Drum - 55 gal	\$17.50 /gal											
Pallet Tank	\$16.25 /gal											

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

"BIOSTIMULANTS",
BOTANI-STIMULANTS,
BIOFERTILIZERS,
HORMONES

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

Ferti-Organic
^o**SOLUBLE SEAWEED/KELP**

Water Soluble
 Natural Foliar Spray

Provides natural, balanced micronutrients and natural cytokinins for rapid uptake at critical growth points.

Helps stimulate natural plant defenses and generally helps increase plant strength, vigor and nutrient efficiency..

-- FOB Mfr TX --

50+ lb	\$8.00 /lb
250+ lb	\$7.00 /lb
1000+ lb	\$6.50 /lb
Pallet (50 lb bags)	\$6.35 /lb

Larger Quantities - Call for quote

JH Biotech
^o**KELPSTIM**

Humic acid and Kelp (Ascophyllum Nodosum) extracts

Assists micronutrient uptake, increases yields, promotes root development.

-- FOB Mfr. TX / CA / FL --

5+ gal	\$22.00 /gal
20+ gal	\$20.00 /gal
80+ gal	\$19.50 /gal
Pallet (180 gal)	\$18.00 /gal

Larger quantities - Call for quote

JH Biotech
^o**Promot Plus**

Natural Plant Growth Promoter

Produced by the fermentation of Trichoderma spp

-- FOB Mfr. TX / CA / FL --

5+ gal	\$72.00 /gal
20+ gal	\$68.00 /gal
80+ gal	\$66.00 /gal
Pallet (180 gal)	\$60.00 /gal

Larger quantities - Call for quote

Valent
^o**PRO GIBB LV PLUS**

Gibberellic Acid

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

Direct Ship Only

-- FOB Mfr --

2+ gal (case – 4 btls)	\$94.00 /bot
10+ gal (5 cases)	\$92.00 /bot
24+ gal (12 cases)	\$91.00 /bot

Larger Quantities - Call for quote

Ferti-Organic
^o**FULVIC PLUS**

Soluble Powder - 90% Fulvic Acid

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

-- FOB Mfr TX --

50+ lb	\$5.65 /lb
250+ lb	\$5.00 /lb
1000+ lb	\$4.50 /lb
Pallet (50 lb bags)	\$4.40 /lb

Larger Quantities - Call for quote

**Next up -
 Biologicals**

Working to release and recycle nutrients in the soil

for the benefit of plant roots,

Biologicals (living organisms) in the soil are hard at it 24/7

given the right conditions,

These naturally occurring beneficial microbial species are found just ahead in the next section and in these

previous catalog sections:

"Soil Amendments" (page 10-11)
 and

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

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

BIOLOGICALS

"Mycorrhizae - The Friendly Fungus"

<p>Mvco Pro ° MYCORRHIZAE ENDO FUNGAL SPECIES Symbiotic with Plant Roots</p> <p>Appropriate for a Wide Variety of Plants. Including Fruit and Nut Trees. Vegetables and Turfgrass.</p> <hr/> <p>° MYCOPRO AG 5 endo species blend For drv or liquid application. Suspendable in water with agitation. 1 pound treats up to 1 acre</p> <p style="text-align: center;">Direct Ship Only -- FOB CA --</p> <table> <tr> <td>20+ lb</td> <td style="text-align: right;">\$13.50 /lb</td> </tr> <tr> <td>100+ lb</td> <td style="text-align: right;">\$13.15 /lb</td> </tr> <tr> <td>400+ lb</td> <td style="text-align: right;">\$12.75 /lb</td> </tr> </table> <hr/> <p>° MYCOPRO AG PLUS 5 endo species blend Concentrated, Easily suspendable powder. 1 pound treats up to 150 acres</p> <p style="text-align: center;">Direct Ship Only -- FOB CA --</p> <table> <tr> <td>1 lb</td> <td style="text-align: right;">\$1285.00 /lb</td> </tr> <tr> <td>2 lb</td> <td style="text-align: right;">\$1242.00 /lb</td> </tr> <tr> <td>4 lb</td> <td style="text-align: right;">\$1225.00 /lb</td> </tr> <tr> <td>10 lb</td> <td style="text-align: right;">\$1200.00 /lb</td> </tr> </table>		20+ lb	\$13.50 /lb	100+ lb	\$13.15 /lb	400+ lb	\$12.75 /lb	1 lb	\$1285.00 /lb	2 lb	\$1242.00 /lb	4 lb	\$1225.00 /lb	10 lb	\$1200.00 /lb
20+ lb	\$13.50 /lb														
100+ lb	\$13.15 /lb														
400+ lb	\$12.75 /lb														
1 lb	\$1285.00 /lb														
2 lb	\$1242.00 /lb														
4 lb	\$1225.00 /lb														
10 lb	\$1200.00 /lb														

Mycorrhizal Relationships

Endomycorrhizal Plants:
90% of Plants—Most Green, Leafy Plants and most Commercially Produced Plants.

Shrubs and foliage plants except Rhododendron, Azalea, and Heath;
Berries except blueberries, cranberries and lingonberries;
Nut trees except pecan, hazelnuts and filberts.

Flowers, Vegetables except Brassicas and beets.
Cultivated grasses except weedy grasses;
Fruit trees including tropical fruits; many
Wetland/aquatic species except rushes and horsetails.

Ectomycorrhizal Plants: (See column right)→

5% of Plants—Mainly Conifers & Oaks—also Pecans

There are also the +/- 5% of plants that form **Other** relationship types or are **"Non-Mycorrhizal" such as**

Brassica – Broccoli, Cabbage, etc
Ericaceae – Blueberry, Azalea, etc.

Mvco Applv

° **MYCORRHIZAE**

Symbiotic with Plant Roots

ENDO FUNGAL SPECIES

° **GRANULAR ENDO**

4 species blend

For soil or media application

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

Direct Ship Only

-- FOB CA --

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

ENDO-ECTO FUNGAL SPECIES

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

° **ULTRAFINE ENDO / ECTO**

4 Endo / 7 Ecto Species

For drv or liquid application.

Suspendable in water with agitation.

Direct Ship Only

-- FOB CA --

20+ lb	\$20.00 /lb
100+ lb	\$19.00 /lb
400+ lb	\$18.00 /lb

° **SOLUBLE MAXX ENDO / ECTO**

9 Endo / 10 Ecto Species
 w/ Kelp and Humic Acid

Water soluble Soil Drench w/specially blended amendments.

Direct Ship Only

-- FOB CA --

1+ lb	\$48.00 /lb
4+ lb	\$45.00 /lb
20+ lb	\$44.00 /lb
100+ lb	\$42.35 /lb

Plant Nutrition

Selected for Compatibility with Soil Health and Nutrient Uptake Efficiency

BIOLOGICALS (cont)

The **NRG Activate Series** of organisms have been shown to achieve optimal results when incorporated into a 'rich' soil with readily available organic food sources,

OR

when they are applied with natural food sources, such as liquid fish, humic acids, etc,

And they work especially well when applied with

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

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

NRG
^o **ACTIVATE SERIES**
WATER SOLUBLE MICROBES
 COMBINED WITH
WAKEUP ORGANO (WUO)

INDIVIDUAL BACTERIA SPECIES AND BLENDS
 MIXED WITH PROPRIETARY SOLUBLE FOOD SOURCES

^o **ACTIVATE PMSLA + WUO**
 5 bacillus species blend of bacteria spores

^o **ACTIVATE NF + WUO**
 4 bacillus species blend of bacteria spores

^o **ACTIVATE - A1005 + WUO**
 Bacillus Subtilis

^o **ACTIVATE - A2004 + WUO**
 Bacillus parabrevis, B. subtilis, B. licheniformis and B. amyloliquefaciens

^o **ACTIVATE - A2005 + WUO**
 Bacillus brevis, B. subtilis, B. licheniformis and B. amyloliquefaciens.

Direct Ship Only
 -- FOB Mfr. CA --

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

Larger Quantities - Call for quote

NRG
^o **WAKE-UP ORGANO**

Soluble Microbial Food

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

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

Direct Ship Only
 -- FOB Mfr. CA --

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

Larger Quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

PESTS AND DISEASES

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

Agro Logistics

OR **DEBUG ON**

Botanical Fungicide/Miticide

Clarified, Hydrophilic
Extract of Neem Oil

See also Trilogy

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

120 gal available \$15.00 /gal

See Clearance page for more details

-- FOB Mfr --

Pallet (240 gal) Quote /gal

Agro Research

OR **THYME GUARD**

Liquid Fungicide / Bacteriacide

23% Thyme Oil

Broad spectrum - works both on contact and systemically.

Direct Ship Only

-- FOB Mfr. FL --

5+ gal \$102.50 /gal

20+ gal \$101.00 /gal

80+ gal \$99.00 /gal

Pallet (180 gal) \$96.25 /gal

Drum (55 gal) \$95.75 /gal

Drums (4-55 gal) \$91.00 /gal

Larger Quantities - Call for quote

Attune

OR **ENTRAPMENT SP**

Liquid Pesticide

0.15% Xantham Gum

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

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

Direct Ship Only

-- FOB Mfr. FL --

48+ gal \$490.00 /gal

96+ gal \$475.00 /gal

192+ gal \$456.00 /gal

576+ (3 pallets) \$441.00 /gal

Larger Quantities - Call for quote

Attune

ENTRAPMENT FV

Liquid Pesticide

0.15% Xantham Gum

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

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

Direct Ship Only

-- FOB Mfr. FL --

48+ gal \$401.00 /gal

96+ gal \$387.00 /gal

192+ gal \$372.00 /gal

576+ (3 pallets) \$360.00 /gal

Larger Quantities - Call for quote

Attune

ENTRAPMENT RC

Liquid Pesticide

0.15% Xantham Gum

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

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

Direct Ship Only

-- FOB Mfr. FL --

48+ gal \$401.00 /gal

96+ gal \$387.00 /gal

192+ gal \$372.00 /gal

576+ (3 pallets) \$360.00 /gal

Larger Quantities - Call for quote

Bayer

OR **SERENADE ASO**

Bacillus subtilis
strain QST 713

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

Direct Ship Only

-- FOB Mfr --

5+ gal \$Quote /gal

20+ gal \$Quote /gal

80+ gal \$Quote /gal

Pallet (180 gal) \$Quote /gal

Larger Quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

PESTS AND DISEASES, (CONT)

Brandt (Imerys Minerals)

OR **CELITE 610**

Diatomaceous Earth

Broad Spectrum Label

Direct Ship Only

-- FOB Mfr. CA --

Pallet (840+ lb)	\$1.43 /lb
3+ Pallets (2520+ lb)	\$1.39 /lb
16+ Pallets (13440+ lb)	\$1.34 /lb

Brandt

OR **ECOTEC PLUS**

Rosemary and Peppermint Oils

PLUS Geraniol

Broad spectrum insecticide and miticide

Direct Ship Only

-- FOB Mfr. CA / IL --

20+ gal	\$115.00 /gal
80+ gal	\$109.00 /gal
Pallet (180 gal)	\$100.50 /gal

Larger Quantities - Call for quote

Brandt

OR **LIME SULFUR**

Calcium Polysulfide Fungicide

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

-- FOB EO Warehouse. Texas --

Clearance Pricing on In-Stock Inventory

15 gal available

2.5 gal	\$11.00 /gal
5+ gal	\$10.00 /gal

See Clearance page for more info

Direct Ship Only

-- FOB Mfr. CA / IL --

20+ gal	\$12.00 /gal
80+ gal	\$11.25 /gal
Pallet (240 gal)	\$10.00 /gal

Larger quantities - Call for quote

Brandt

OR **NEMA Q**

Saponins of Quillaja Saponaria

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

Direct Ship Only

-- FOB Mfr. CA / IL --

20+ gal	\$108.00 /gal
80+ gal	\$105.00 /gal
Pallet (160 gal)	\$96.00 /gal

Larger Quantities - Call for quote

Brandt

OR **TRESOIL**

Mineral Oil for Foliar Use

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

Direct Ship Only

-- FOB Mfr. FL --

Pallet Tank (250 gal)	Quote /gal
3 Pallet Tanks	Quote /gal

Larger quantities - Call for quote

Brandt

OR **TRI TEK**

Mineral Oil for Foliar Use

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

Direct Ship Only

-- FOB Mfr. CA / IL --

20+ gal	\$17.50 /gal
80+ gal	\$17.00 /gal
Pallet (240 gal)	\$15.50 /gal
3 Pallets (720 gal)	\$15.00 /gal

Larger Quantities - Call for quote

Certis

OR **BOTEGHA ES**

Liquid - Emulsifiable

Beauveria Bassiana

Insecticide - Parasitic Fungus

Keep cool for long term storage.

(Below 68 degrees F)

-- FOB Mfr. CA / WA --

4+ gal	\$298.00 /gal
20+ gal	\$290.00 /gal
80+ gal	\$273.00 /gal
Pallet (144 gal)	\$263.00 /gal

Larger quantities - Call for quote

Certis

OR **CUEVA**

Copper Octoanate (Soap)

Bactericide, Fungicide

Broad spectrum, low burn potential

Low toxicity potential

Direct Ship Only

-- FOB Mfr. CA / WA --

5+ gal	\$50.00 /gal
20+ gal	\$48.00 /gal
80+ gal	\$45.00 /gal
Pallet (180 gal)	\$43.50 /gal

Larger quantities - Call for quote

Certis

OR **DES-X**

Insecticidal Soap

Direct Ship Only

-- FOB Mfr. CA / WA --

5+ gal	\$46.00 /gal
20+ gal	\$45.00 /gal
80+ gal	\$42.25 /gal
Pallet (180 gal)	\$41.00 /gal

Larger Quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

PESTS AND DISEASES, (CONT)

Certis

OR **DOUBLE NICKEL LC**

Bacillus amyloliquifaciens 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 spray.

Direct Ship Only

-- FOB Mfr. CA / WA --

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

Larger Quantities - Call for quote

Certis

OR **DOUBLE NICKEL 55**

Bacillus amyloliquifaciens strain D747 (Dry)

Fungicide/Bactericide

See full description above.

Direct Ship Only

-- FOB Mfr. CA / WA --

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

Larger Quantities - Call for quote

Certis

OR **GEMSTAR**

Insecticidal Virus

Specifically for Corn Earworm

aka Cotton Bollworm, Tomato Fruitworm, Sorghum Headworm

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

Direct Ship Only

-- FOB Mfr. CA / WA --

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

Larger Quantities - Call for quote

Certis

OR **JAVELIN WG (Bt)**

Bacillus thuringiensis kurstaki strain

Organically approved for control of most worm species.

-- FOB Mfr. CA / WA --

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

Larger quantities - Call for quote

Certis

OR **LIFEGARD**

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

Direct Ship Only

-- FOB Mfr. CA / WA --

20+ lb	\$141.00 /lb
100+ lb	\$136.00 /lb
200+ lb	\$131.00 /lb

Larger quantities - Call for quote

Certis

OR **NEMACLEAN**

Purpureocillium lilacinum strain PL11

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

Direct Ship Only

-- FOB Mfr. CA / IL --

5 gal	\$115.00 /gal
10+ gal	\$111.00 /gal
20+ gal	\$108.00 /gal
80+ gal	\$105.00 /gal
Pallet (160 gal)	\$96.00 /gal

Larger Quantities - Call for quote

Certis

OR **NEEMIX 4.5**

Insect Growth Regulator

Active Ingredient - Azadirachtin

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

Direct Ship Only

-- FOB Mfr. CA / WA --

6+ at	\$210.00 /at
30+ at	\$203.00 /at
60+ at	\$198.00 /at

Larger quantities - Call for quote

Certis

OR **OSO 5% SC**

Polyoxin D zinc salt

For Control of Fungal Diseases

Direct Ship Only

-- FOB Mfr. CA / WA --

6+ at	\$181.00 /at
30+ at	\$175.00 /at

Larger quantities - Call for quote

Certis

OR **PFR 97 10% ES**

Isaria fumosorosea (Live Product)

Broad spectrum microbial insecticide for foliar and soil applications.

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

Direct Ship Only

-- FOB Mfr. CA / WA --

4+ gal	\$185.00 /gal
20+ gal	\$178.50 /gal
80+ gal	\$172.25 /gal
Pallet (144 gal)	\$166.00 /gal

Larger quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

PESTS AND DISEASES, (CONT)

Certis
OR **SEDUCE**

Insect Bait w/Spinosad
Attracts and kills ants, earwigs, cutworm
Direct Ship Only
-- FOB Mfr. CA / WA --
Pallet (40 - 50 lb bags) \$4.50 /lb
Larger quantities - Call for quote

Certis
OR **SIL-MATRIX**

Liquid Potassium Silicate
Fungicide/Miticide/Insecticide
Aids in control of foliar fungal diseases.
Also controls mites and other sucking
insect infestations by inhibiting damage
through a physical silicon matrix barrier
and by causing insect desiccation.

Very pH sensitive

See our website for important usage notes

Direct Ship Only
-- FOB Mfr. CA / WA --
5+ gal \$34.50 /gal
20+ gal \$33.50 /gal
80+ gal \$32.00 /gal
Pallet (180 gal) \$30.50 /gal
Larger quantities - Call for quote

Certis
OR **SOILGARD**

Gliocladium virens(Live Product)
Suitable for incorporation into
soil or soilless media
for control of fungal diseases.

Keep cool for long term storage

(Below 68 degrees F)

Direct Ship Only
-- FOB Mfr. CA / WA --
20+ lb \$19.50 /lb
100+ lb \$18.85 /lb
720+ lb \$18.25 /lb
Larger quantities - Call for quote

Certis
OR **TRILOGY**

Botanical Fungicide/Miticide
Clarified, Hydrophylic
Extract of Neem Oil
See also Debug ON
Direct Ship Only
-- FOB Mfr. CA / WA --
5+ gal \$59.50 /gal
20+ gal \$57.50 /gal
80+ gal \$55.50 /gal
Pallet (180 gal) \$54.00 /gal
Larger quantities - Call for quote

Corteva
OR **ENTRUST SC**

Spinosad (liquid)
Provides control of worms, thrip,
leafminer, psyllid and more
See label and our website
for more information.
Direct Ship Only
-- FOB Mfr Texas --
12+ at \$575.00 /at
Larger Quantities - Call for quote

Ferti-Organic
OR **FERTI-NEEM OIL**

Cold Pressed Neem Oil
Insect Growth Regulator
Repellent, Anti Feedant, and Fungicide
-- FOB EO Warehouse. Texas --
1 gal \$62.00 /gal
-- FOB Mfr. TX --
5+ gal \$58.00 /gal
20+ gal \$54.00 /gal
80+ gal \$52.50 /gal
Pallet (160 gal) \$51.25 /gal
Drum - 55 gal \$52.50 /gal
Drums 4-55 gal \$51.25 /gal
Larger Quantities - Call for quote

JH Biotech
OR **BIOREPEL**

Natural Insect Repellant
Garlic Based Anti-Feedant, Repellant
-- FOB Mfr. TX / CA / FL --
5+ gal \$52.50 /gal
20+ gal \$51.00 /gal
80+ gal \$49.00 /gal
Pallet (180 gal) \$42.00 /gal
Drum - 55 gal \$44.50 /gal
Drums 4-55 gal \$42.00 /gal
Larger Quantities - Call for quote

JH Biotech
FOSPHITE

Systemic fungicide / Growth promoter
NOT ALLOWED FOR ORGANIC
Direct Ship Only
-- FOB Mfr. TX / CA / FL --
5+ gal \$30.00 /gal
20+ gal \$27.00 /gal
80+ gal \$26.00 /gal
Pallet (180 gal) \$24.50 /gal
Larger quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

PESTS AND DISEASES, (CONT)

ESSENTIAL OILS

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

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

JH Biotech OR **PEST OUT**

Pest Spray Oil

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

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

1+ ats	\$12.00 /at
5+ gal	\$65.00 /gal
20+ gal	\$60.00 /gal
80+ gal	\$57.00 /gal
Pallet (180 gal)	\$56.00 /gal

Larger quantities - Call for quote

KeyPlex OR **AWP**

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

Direct Ship Only

-- FOB Mfr. FL --

20+ gal	\$150.00 /gal
80+ gal	\$147.00 /gal
Pallet (180 gal)	\$143.00 /gal

Larger Quantities - Call for quote

KeyPlex OR **SPORAN EC²**

Essential Oils Based
Rosemary, Clove, Thyme, et al
Broad Sprectrum Fungicide
controls Botrytis, Gray Mold, Powdery Mildews, Phytophthora, Late Blight, etc.

-- FOB Mfr. FL --

20+ gal	\$115.00 /gal
80+ gal	\$113.00 /gal
Pallet (144 gal)	\$110.00 /gal

Larger Quantities - Call for quote

Marrone Bio Innovations OR **REGALIA**

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

Direct Ship Only

-- FOB Mfr --

5+ gal	\$76.00 /gal
20+ gal	\$74.00 /gal
80+ gal	\$70.00 /gal
Pallet (144 gal)	\$67.50 /gal

Larger Quantities - Call for quote

Novozymes BioAg OR **ACTINOVATE AG**

Biological Fungicide and Bactericide
Streptomyces lydicus strain WYEC 108

Broad spectrum activity on foliar and soil diseases in a wide variety of crops.

Direct Ship Only

-- FOB Mfr --

216+ oz (12 - 18 oz bags)	\$6.00 /oz
20+ lb 5 lb bags	\$89.00 /lb
60+ lb 5 lb bags	\$87.00 /lb
200+ lb 5 lb bags	\$84.00 /lb

Larger quantities - Call for quote

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

Diatomaceous Earth

Controls pests in grain storage.

Direct Ship Only

-- FOB Mfr. UT --

Pallet (50 lb bags)	\$0.63 /lb
---------------------	------------

Larger Quantities - Call for quote

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

Diatomaceous Earth w/Pyrethrins and (PBO)

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

NOT ALLOWED FOR ORGANIC

Direct Ship Only

-- FOB Mfr. TX --

150+ lb	\$6.75 /lb
750+ lb	\$6.30 /lb
Pallet (30 lb bags)	\$6.15 /lb

Larger Quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

PESTS AND DISEASES, (CONT)

United Phosphorus, Inc
OR **MICROTHIOL DISPERSS**

Micronized Wettable Sulfur
Fungicide, Miticide

Water Dispersible Granule

Direct Ship Only

-- FOB Mfr --

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

Larger Quantities - Call for quote

Valent
OR **AZERA**

Dual Mode of Action

Azadirachtin and Pyrethrins

Kills on contact and/or by ingestion.

Direct Ship Only

-- FOB Mfr --

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

Larger quantities - Call for quote

Valent
OR **DIPEL DF (Bt)**

Bacillus thuringensis
kurstaki strain ABTS-351

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

-- FOB Mfr --

30+ lb	\$16.00	/lb
150+ lb	\$15.50	/lb
Pallet (630 lb)	\$14.75	/lb

Larger Quantities - Call for quote

Valent

OR **XENTARI (Bt)**

Bacillus thuringensis

aizawai strain ABTS-1857

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

-- FOB Mfr --

30+ lb	\$20.50	/lb
150+ lb	\$19.75	/lb
Pallet (630 lb)	\$18.50	/lb

Larger Quantities - Call for quote

Valent

OR **PYGANIC 1.4%**

Broad Spectrum

Contact Insecticide

Derived from Chrysanthemums.

pH sensitive

See our website for important usage notes

4+ gal	\$210.00	/gal
20+ gal	\$207.00	/gal
80+ gal	\$205.00	/gal
Pallet (144 gal)	\$202.00	/gal

Larger Quantities - Call for quote

Valent

OR **PYGANIC 5.0%**

Broad Spectrum

Contact Insecticide

Derived from Chrysanthemums.

pH sensitive

See our website for important usage notes

Direct Ship Only

-- FOB Mfr --

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

Larger Quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

PESTS AND DISEASES

The products in this category
(see next page) each contain

Hydrogen Peroxide (H2O2) and Peroxyacetic Acid (PAA).

This combination has been proven to quickly destroy microbes upon contact.

With good spray coverage, these products can slow/stop fungal and bacterial disease leaf infections in a matter of hours. A very desirable product to have in the toolkit! However, the organisms killed on the plants include beneficial microbes that normally live on healthy leaves and stems.

For that reason - as part of an
"IMM"

(Integrated Microbe Management) program.

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

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

H2O2/PAA

Biosafe OR **OXIDATE 5.0**

H2O2 and PAA

Field Label - Contact Kill

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

Broad Spectrum Activity Against a Wide Range of Plant Pathogens,

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

Direct Ship Only

-- FOB Mfr. CT --

15+ gal	\$31.00 /gal
Drum - 30 gal	\$29.50 /gal
Drum - 55 gal	\$29.50 /gal
Drums 4-55 gal	\$27.75 /gal
Pallet Tank	\$27.00 /gal

Larger quantities - Call for quote

Jet Harvest Solutions

OR **JET AG - 5%**

Field and Processing Label

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

Broad Spectrum Activity Against a Wide Range of Plant Pathogens.

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

Direct Ship Only

-- FOB Mfr. MO --

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

Larger Quantities - Call for quote

Hydrogen Peroxide and Peroxyacetic Acid

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

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

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

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

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

WEED CONTROL

JH Biotech
OR **WEED ZAP**

Cinnamon Oil-Based
Non-selective herbicide

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

5+ gal	\$71.00 /gal
20+ gal	\$67.00 /gal
80+ gal	\$65.00 /gal
Pallet (180 gal)	\$62.00 /gal

Larger Quantities - Call for quote

Fleischmann's Vinegar

OR **VINAGREEN**

20% White Vinegar

WSDA certified as Herbicide

Direct Ship Only

-- FOB Mfr. AL / MO / CA --

Drums 4-55 gal **Quote /gal**

Larger Quantities - Call for quote

Certis

OR **HOME PLATE**

Fast Acting, Kills within Hours.

Contact Spray to Burndown Weeds.

-- FOB Mfr. CA / WA --

5+ gal	\$74.00 /gal
20+ gal	\$72.00 /gal
80+ gal	\$70.00 /gal
Pallet (180 gal)	\$67.00 /gal

Larger Quantities - Call for quote

Agro Research

WEED SLAYER - KITT

Liquid Essential Oil Herbicide

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

Clove oil extracts (eugenol).

NOT ALLOWED FOR ORGANIC

-- FOB EO Warehouse, Texas --

Clearance Price on In-Stock Inventory

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

5 gal KITT \$45.00 /gal
10 KITTs available @

See Clearance page for more info

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.

Direct Ship Only

-- FOB Mfr. CA --

Pallet (1750 lb) **Quote /lb**

Larger Quantities - Call for quote

Certis

AGSIL 25

Foliar/Soil Available Bionutrient

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

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr. CA / WA --

Drum - 55 gal \$28.00 /gal

220 gal (in drums) \$25.50 /gal

Larger Quantities - Call for quote

Certis

AGSIL 16H

Foliar/Soil Available Bionutrient

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

Not allowed for Organic production

Direct Ship Only

-- FOB Mfr. CA / WA --

Pallet (2000 lb) \$Quote /lb

Larger Quantities - Call for quote

Prices Subject to Change - All Orders Subject to Shipping Charges

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

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

ADJUVANTS

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

Agro Research

ORGANIC CITRIC ACID

10% - For water pH adjustment

Adjusts water pH levels as required for certain tank mixes.

-- FOB EO Warehouse, Texas --

1+ gal \$10.00 /gal

-- FOB Mfr, FL --

4+ gal \$9.75 /gal

20+ gal \$7.25 /gal

80+ gal \$6.65 /gal

Pallet (144 gal) \$6.50 /gal

Larger Quantities - Call for quote

Attune

OR AMPERSAND

Spray Adjuvant - Sorbitol, Glycerol, Polysaccharide Gums

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

Direct Ship Only

-- FOB Mfr, FL --

180+ gal (Pallet) \$51.00 /gal

540+ (3 pallets) \$48.35 /gal

Larger Quantities - Call for quote

Brandt Organics

OR AG-AIDE

Yucca Extract, 100% Yucca

Natural, non-ionic surfactant

Facilitates nutrient & water absorption.

-- FOB Mfr, CA / IL --

20+ gal \$132.00 /gal

80+ gal \$125.00 /gal

Pallet (144 gal) \$116.00 /gal

Larger Quantities - Call for quote

Brandt Organics

OR SKH STICKER

Bentonite, Lactose and Casein

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

-- FOB Mfr, CA / IL --

50+ lb (case) \$1.65 /lb

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

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

Pallet (1400 lb) \$1.40 /lb

Larger Quantities - Call for quote

Brandt

OR 719 Spreader

Non-Ionic Organosilicone Penetrant and Wetting Agent

Unique trisiloxane surfactant and co-polymer formulation.

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

-- FOB EO Warehouse, Texas --

Clearance Pricing on In-Stock Inventory

1 gal \$65.00 /gal

-- FOB Mfr, CA / IL --

20+ gal \$76.00 /gal

80+ gal \$72.00 /gal

Pallet (180 gal) \$67.00 /gal

Larger Quantities - Call for quote

Brandt

OR SUPER WETTER

Organosilicone Surfactant

Highly concentrated, especially effective for low-volume spraying.

-- FOB Mfr, CA / IL --

20+ gal \$82.00 /gal

80+ gal \$80.00 /gal

Pallet (144 gal) \$76.00 /gal

Larger Quantities - Call for quote

Ferti-Organic

OR SOLUBLE HUMIC ACID

Soluble Powder

60% Humic Acid; 7% Potash

Use in the soil or as foliar adjuvant.

-- FOB Mfr, Texas --

50+ lb \$5.15 /lb

250+ lb \$4.65 /lb

1000+ lb \$4.20 /lb

Pallet (50 lb bags) \$4.10 /lb

Larger Quantities - Call for quote

Ferti-Organic

OR FULVIC PLUS

Soluble Powder

90% Fulvic Acid

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

-- FOB Mfr, Texas --

50+ lb \$5.65 /lb

250+ lb \$5.00 /lb

1000+ lb \$4.50 /lb

Pallet (50 lb bags) \$4.40 /lb

Larger Quantities - Call for quote

Plant Protection

Organic and Natural pest solutions, w/emphasis on beneficial insect compatibility

ADJUVANTS (cont)

Ferti-Organic ° **KARANJA OIL**

Cold Pressed Karanja Oil

Adjuvant - Improves Efficacy of
Neem Oil and other Pesticides.

-- FOB EO Warehouse. Texas --

1 gal \$52.00 /gal

-- FOB Mfr. Texas --

5+ gal \$48.50 /gal

20+ gal \$45.00 /gal

80+ gal \$43.75 /gal

Pallet (160 gal) \$42.50 /gal

Drum - 55 gal \$43.75 /gal

Drums 4-55 gal \$42.50 /gal

Larger Quantities - Call for quote

Huma ° **SOLUBLE HUMIC POWDER**

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

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

Direct Ship Only

-- FOB Mfr. TX --

Pallet (55 lb bags) \$4.15 /lb

Larger Quantities - Call for quote

JH Biotech ° **HUMAX**

12% Humic Acid

For use in the soil or as foliar adjuvant.

-- FOB EO Warehouse. Texas --

2.5+ gal \$10.00 /gal

5+ gal \$9.50 /gal

-- FOB Mfr. TX / CA / FL --

5+ gal \$11.00 /gal

20+ gal \$9.50 /gal

80+ gal \$9.25 /gal

Pallet (180 gal) \$8.75 /gal

Larger Quantities - Call for quote

JH Biotech ° **FULMAX**

3% Fulvic Acid

For use in the soil or as foliar adjuvant.

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

5+ gal \$19.00 /gal

20+ gal \$17.00 /gal

80+ gal \$16.00 /gal

Pallet (180 gal) \$15.00 /gal

Larger Quantities - Call for quote

JH Biotech ° **MIXWELL**

Acidifier-Complexing Agent

Acidifies high pH tank mixes

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

Direct Ship Only

-- FOB Mfr. TX / CA / FL --

5+ gal \$21.00 /gal

20+ gal \$19.00 /gal

80+ gal \$18.00 /gal

Pallet (180 gal) \$17.00 /gal

Larger Quantities - Call for quote

JH Biotech ° **NATURAL WET**

Contains Saponins

Natural, non-Ionic surfactant

derived from Yucca Plants.

Facilitates nutrient & water absorption.

-- FOB Mfr. TX / CA / FL --

5+ gal \$26.00 /gal

20+ gal \$23.75 /gal

80+ gal \$23.00 /gal

Pallet (180 gal) \$21.25 /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 Mfr. TX / CA / FL --

5+ gal \$52.50 /gal

20+ gal \$51.00 /gal

80+ gal \$49.00 /gal

Pallet (180 gal) \$45.50 /gal

Drum - 55 gal \$47.60 /gal

Drums 4-55 gal \$44.50 /gal

Larger Quantities - Call for quote

Borregard USA ° **BORREGRO HA-2**

Concentrated, 15% Liquid Humic Acid

Direct Ship Only

-- FOB Mfr. WI --

Pallet Tank **Quote / gal**

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

Larger Quantities - Call for quote

Water Treatments

Surfactants, Wetting Agents, Disinfectants, Equipment Cleaners and more

POST-HARVEST

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

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

Biosafe

°SANIDATE 5.0

Post Harvest and Process Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms.

Direct Ship Only
-- FOB Mfr. CT --

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

Larger Quantities - Call for quote

Biosafe

°SANIDATE 15.0

Post Harvest and Process Sanitizer

H2O2 / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms.

Direct Ship Only
-- FOB Mfr. CT --

Drum - 30 gal	\$36.00 /gal
Drum - 55 gal	\$34.50 /gal
Drums 4-55 gal	\$30.50 /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. --

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

Larger Quantities - Call for quote

Jet Harvest Solutions

°JET OXIDE - 15%

Post Harvest Sanitizer

H₂O₂ / Peroxyacetic Acid (PAA)

Broad efficacy against food spoilage organisms.

Direct Ship Only
-- FOB Mfr. --

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

Larger Quantities - Call for quote

Water Treatments

Surfactants, Wetting Agents, Disinfectants, Equipment Cleaners and more

IRRIGATION AIDS

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

Diamond K GYP SUM SOLUTION GRADE 97

Calcium Sulfate

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

Direct Ship Only
-- FOB Mfr. UT --

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

Larger Quantities - Call for quote

OR 99.5% ELEMENTAL SULFUR

Pastille Sulfur

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

Direct Ship Only
-- FOB Mfr. TX (Martin)--

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

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

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

Larger Quantities - Call for quote

Brandt

DRIP-RITE 1000

Monocarbamide dihydrogen sulfate

Excellent mineral deposit cleaner for irrigation systems.

Not allowed for Organic crops in season

May be allowed as a cleaner in fallow fields - always check with

Organic Certifier for guidance

Direct Ship Only

-- FOB Mfr. CA --

Drum - 30 gal	\$12.50 /gal
Drum - 55 gal	\$11.50 /gal
Drums 4-55 gal	\$10.75 /gal
Pallet Tank	\$8.00 /gal

Larger Quantities - Call for quote

Diamond K AQUA DRIVE

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

Not allowed for Organic crops

-- FOB EO Warehouse. Texas

Clearance Pricing on In-Stock Inventory

100 gal available @ \$20.00 /gal

See Clearance page for more info

-- FOB Mfr. UT --

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

Larger Quantities - Call for quote

JH Biotech

NATURAL WET

Contains Saponins derived from Yucca Plants

10% Yucca compounds

Natural, non-Ionic surfactant

Facilitates nutrient & water absorption.

-- FOB Mfr. TX / CA / FL --

5+ gal	\$26.00 /gal
20+ gal	\$23.75 /gal
80+ gal	\$23.00 /gal
Pallet (180 gal)	\$21.25 /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

Livestock Feed & Supplements

LIVESTOCK

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

Redmond ° **NATURAL MINERAL SALT**

Trace mineral source for livestock
and crops - over 50 minerals

-- FOB Mfr. UT --

Pallet (50 lb bags) \$0.13 /lb

Larger Quantities - Call for quote

Redmond ° **NATURAL MINERAL SALT BLOCKS**

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

-- FOB Mfr. UT --

Pallet (44 lb blocks) \$0.15 /lb

Larger Quantities - Call for quote

Redmond OR **ANTI-CAKING AGENT** (aka CONDITIONER)

Colloidal, "exotic" trace mineral source
for livestock

For Livestock - Restricted to amount
needed for adequate nutrition

Direct Ship Only

-- FOB Mfr. UT --

Pallet (50 lb bags) \$0.18 /lb

Larger Quantities - Call for quote

Azomite Minerals OR **AZOMITE FIELD GRADE**

1/8" to Powder

Natural volcanic and sedimentary trace
mineral source for livestock and crops.

For Livestock - Restricted to amount
needed for adequate nutrition

Direct Ship Only

-- FOB Mfr. TX --

Pallet (44 lb bags) \$0.35 /lb

3+ pallets (6600+ lb) \$0.34 /lb

10+ pallets (22000+ lb) \$0.33 /lb

Larger Quantities - Call for quote

Perma-Guard OR **FOSSIL SHELL FLOUR** **DIATOMACEOUS EARTH**

Natural Silica Product

Animal feed additive

Promotes animal health by controlling
internal parasites and absorbing toxins.

For Livestock - Restricted to amount
needed for adequate nutrition

-- FOB Mfr. UT --

Pallet (50 lb bags) \$0.55 /lb

Larger Quantities - Call for quote

Tidal Organics ° **KELP MEAL**

Feed supplement,
Animal Health supplement

-- FOB Mfr. TX --

250+ lb \$3.10 /lb

1000+ lb \$2.90 /lb

Pallet (50 lb bags) \$2.45 /lb

Larger Quantities - Call for quote

Livestock Feed & Supplements

LIVESTOCK (CONT)

Wick's Livestock Nutrition

ORGANIC

APPLE CIDER VINEGAR

6% (60 grain)

Organic

Raw, unfiltered apple cider,
Animal health supplement.

Direct Ship Only

-- FOB Mfr. NE --

Drum - (55 gal) **Quote /gal**

Drums (4-55 gal) **Quote /gal**

Pallet Tank (275 gal) **Quote /gal**

Larger Quantities - Call for quote

Wick's Livestock Nutrition

APPLE CIDER VINEGAR

6% (60 grain)

Conventional

Raw, unfiltered apple cider,
Animal health supplement.

(Allowed for Grassfed)

Direct Ship Only

-- FOB Mfr. NE --

Drum - (55 gal) **Quote /gal**

Drums (4-55 gal) **Quote /gal**

Pallet Tank (275 gal) **Quote /gal**

Larger Quantities - Call for quote

Apple Cider Vinegar

*has long been used as a digestive aid
and general health tonic.*

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

Apple Cider Vinegar

"with the "Mother"



Good for cattle!
That's no Bull!

Kerry

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

Organic

Raw, unfiltered apple cider,
Animal health supplement.

Direct Ship Only

-- FOB Mfr. NY --

Drums (4-55 gal) **Quote /gal**

Pallet Tank (275 gal) **Quote /gal**

Bulk Truck
(5500 gal) **Quote /gal**

Larger Quantities - Call for quote

Kerry

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

Conventional

Raw, unfiltered apple cider,
Animal health supplement.

(Allowed for Grassfed)

Direct Ship Only

-- FOB Mfr. NY --

Drums (4-55 gal) **Quote /gal**

Pallet Tank (275 gal) **Quote /gal**

Bulk Truck
(5500 gal) **Quote /gal**

Larger Quantities - Call for quote

Miscellaneous

EQUIPMENT

Mazzei Venturi

Injectors

Venturi Injector for
Commercial Agriculture

Call to learn more

Diamond K

Gypsum Applicators

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

Call to learn more

Garden Moisture Meters

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

Call to learn more

HARD TO CLASSIFY

° EARTHWORM CASTINGS

-- FOB Mfr. TX --
Super Bag (+/- 1100 lb) \$0.49 /lb

Tidal Organics

° KELP MEAL

Feed supplement,
Animal Health supplement

-- FOB Mfr. TX --
250+ lb \$3.10 /lb
1000+ lb \$2.90 /lb
Pallet (50 lb bags) \$2.45 /lb

Larger Quantities - Call for quote

Westway

° MOLASSES

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

1 ton of molasses = about 170 gallons

**Not allowed for
Organic Animal Feed Supplement**

Direct Ship Only
-- FOB Mfr. TX, TN, CA, AZ etc --
1/2 Bulk Truckload **Quote /ton**
Bulk Truckload **Quote /ton**
Larger Quantities - Call for quote

JH Biotech

° BIOACT SD

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

See also page 10 Usage Rates 1-2 lbs

Direct Ship Only

-- FOB Mfr. IL --

20+ lb	\$18.00 /lb
60+ lb	\$17.00 /lb
120+ lb	\$16.00 /lb
480+ lb	\$15.50 /lb

Larger Quantities - Call for quote

Ferti-Organic

° FERTI-NEEM CAKE

Neem Cake 100%

Azadirachtin 1000 ppm

Mix in the soil and around plants to
increase resistance to pathogens,
aerate soil and enrich soil nutrients.

-- FOB EO Warehouse. Texas --
50+ lb clearance/in stock \$1.00 /lb

-- FOB Mfr. TX --

50+ lb	\$3.75 /lb
250+ lb	\$3.50 /lb
1000+ lb	\$3.25 /lb
Pallet (50 lb bags)	\$3.00 /lb

Larger Quantities - Call for quote