



Texas Earth, Inc.

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CAPABILITY STATEMENT

Core Competencies

Texas Earth, Inc. desire is to partner with a wide variety of entities to create affordable and effective soil solutions utilizing the best quality organic and naturally-sourced products on the market.

We provide products and programs designed to enhance and regenerate depleted soils in many different settings. Texas Earth also offers environmental reclamation and erosion control services. From project evaluation to planning, implementation and post-treatment assessment, Texas Earth, Inc. is your partner in soil solutions for any size project in Texas and across the nation.

Past Performance

Texas Earth, Inc. has a long history of servicing many different types of customers across the United States. Local, state and federal bids are a new addition to our portfolio and we look forward to working with new connections through bidding opportunities.

Differentiators

- Woman owned Texas-based business
- Domestically sourced products available for immediate delivery
- Large scale production capability and delivery
- Creative solutions to the rising cost of agricultural chemicals
- Affordable organic and natural soil amendments
- Rigorous testing protocols

Corporate Data

Texas Earth, Inc. was established in 2004 and continues to serve both large and small entities focused on soil health. Since 2009, our sales have eclipsed \$7,500,000 and are growing each year. Texas Earth services distributors in multiple states, plus local growers and customers focused on natural and organic soil regeneration solutions.

Pertinent Codes

- Unique Entity ID: NAKHRS93RDM8

- CAGE/NCAGE: 990B3

- EIN: 20-207-9020

- **NAICS - Primary:** 325311

- NAICS - Secondary: 115112

- NAICS - Other Codes: 111419, 424910,

424690, 561730, 562910



VALUES AND MISSION STATEMENT

To Heal the Soils of the Earth through:

Soil Stewardship
Serving Our Neighbors
Exceptional Quality Products
Affordable Solutions

Texas Earth was founded in 2004 with one principal in mind: BALANCE. Soil is the foundation of our future and we must do everything in our power to provide solutions to our customers with the best products we can source.

We are here to guide our customers toward products and programs that not only balance the soil but also lower input costs and improve yields. From home gardens to commercial farming operations, every customer matters.









BIO NECTARFAMILY OF PRODUCTS















BIO NECTAR LIQUID

ENHANCES SOIL BIODIVERSITY
THROUGH BENEFICAL MICROORGANISMS.

BIO NECTAR LIQUID

Soil Inoculant that includes over 75 unique BACTERIAL strains:

- Acetobacter
- ·Bacillus sp.
- •Rhizobium sp.
- Arthrobacter
- Also, features FUNGAL components

BENEFITS

- Improves soil health
- Reduces soil compaction
- Increases nutrient uptake
- Reduces water usage
- Improves nitrogen utilization
- Enhances carbon sequestration
- OMRI Certified product

Also available in a dry powder









FERTILIZING INSTRUCTIONS

Apply at a dilution rate of 1:1 or weaker with non-chlorinated water. A higher dilution is preferred for better coverage.

Mix well before using. Bio Nectar should be applied promptly after mixing with water or other materials.







BIO NECTAR DRY

ENHANCES SOIL BIODIVERSITY THROUGH BENEFICAL MICROORGANISMS.



BENEFITS

- Delivers beneficial bacteria and fungal strains
- Improves soil health
- Reduces soil compaction
- •Increases nutrient uptake
- Reduces water usage
- •Improves nitrogen utilization
- Enhances carbon sequestration
- OMRI certified product











FERTILIZING INSTRUCTIONS

Mix 1 ounce into 2 gallons of water. Wait 12 hours before applying to plants/soil. Re-apply every 3 weeks.



BIO NECTAR SUPREME

SUPERB CARBON SOURCE INTEGRATED WITH BENEFICIAL MICROBES







BENEFITS

- Energizes soil microbes for increased activity
- Excellent for carbon deficient soils
- Designed to feed soil microbes and increase organic material in soil
- Sequesters Nitrogen to avoid volatilization
- Provides organically complexed carbon for enhanced uptake
- Works hand-in-hand with Bio Nectar Liquid

APPLICATION RATE

1 quart to the acre













BIOLOGICAL FOOD SOURCE PERFECTED

- •Pellet enhanced with Bio Nectar Dry •Organic alfalfa meal
 - •Builds organic matter with reapplication
 - •Introduces microbes to soil

 - •Serves as a microbial food source for fungi and bacteria

 - •Excellent for enhancing potting soil or compost .Easily spreadable pellet Optimal for use for home gardens or potted plants





FERTILIZING INSTRUCTIONS

Apply 12 pellets per sq ft. Work into top 3" of soil and water normally. Re-apply once pellets are broken down.











GREAT FOR USE IN CONTAINERS AND RAISED BED GARDENS!

WATER-WISE SOIL SUPPORT

- •328% water holding capacity
- •NPK 4.5 1.5 1.5
- Utilizes beneficial microbes for improved soil health
- •Increases organic matter
- •Includes beneficial trace minerals

MIXING RATIO

Incorporate into soil as shown below, then water normally.

1 packed cup of Bio Flüf will treat:

- 12 1 pint containers
- 6 1 quart containers
- 1 1 gallon pot

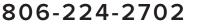
















HOME LANDSCAPE ENHANCEMENT PROGRAM

A natural, non-toxic, <u>biological</u> application program for your grass, trees, shrubs and flowers. Our custom nutritional blends enhance soil microbes, benefitting your overall landscape health.

- ★ Easy and affordable
- ★ Locally owned
- ★ Custom blend including: Bio Nectar, Kelp, Molasses and Calcium
- ★ Includes application on grass, shrubs, flowers and trees
- ★ Pricing includes application within 30 miles of Lubbock, TX



806-224-2702 * www.TexasEarth.com * Info@TexasEarth.com



ADDITIONAL PRODUCTS AVAILABLE

Aqua-Yield - Nanoliquid Technology

Azomite - Micronized & Granular

DE Fossil Shell Flour

Calcium - Flocculate and Vitality

Granular Citric Acid

Granular Humate

Molasses - Organic & Standard

Organic Gem Fish

Organic Powdered Sugar

Organic Water Soluble Powdered Humate

Organic Water Soluble Powdered Kelp

Organic Worm Castings

Polysulphate

Rango™ 3-in-1 Neem Pesticide

Silica

Tennessee Brown Rock Phosphate



AZOMITE

NATURAL TRACE MINERALS FOR SOIL

AZOMITE® (pronounced ā-zō-mite) is an acronym created and registered as a trademark by its founder, Rollin Anderson, for the "A to Z Of Minerals Including Trace Elements".

AZOMITE® is a natural mineral substance which is mined directly from its Utah desert source. OMRI-Listed for organic production, AZOMITE® can be used as an agricultural fertilizer and/or soil amendment product, It is easy and safe to use and good for the environment.



Nephi, Utah USA

AZOMITE® is available in three forms: Micronized, Field Grade, and Granulated.

Micronized AZOMITE® powder is 90% passing a 200-mesh screen and can be mixed with potting soil, compost, or spread by hand in the garden or other agricultural production areas — or used in hydroponic or liquid application systems where strong agitation and proper filter, emitter, and/or nozzle sizes are in place to allow the non-soluble particles to flow through. It is rather dusty to handle.

Field Grade AZOMITE® appears as coarse, irregularly sized particles. It can be

applied with a spreader, creating a spread pattern that is less than that of granular or pelleted due to the inconsistent particle size. It is less dusty to handle than Micronized.

Granular AZOMITE® is produced by forming the Micronized particles into granules with the addition of a binder material, which also



contains beneficial soil and plant nutrients. Granular AZOMITE takes several days to break down in the soil once it is applied and exposed to irrigation or rainfall.



Finish strong: save time and money with NanoPro®

Cotton defoliants are used to remove leaves to make harvests easier, resulting in higher grade cotton. Applications with NanoPro® improves overall cotton defoliation through patented nanoliquid technology in only just one or two passes.

NanoPro® by Aqua-Yield® nanoliquid technology can be added to most dessication spray mixtures as a carrier adjuvant for efficient uptake. This product is field tested and grower approved to provide an affordable, faster defoliation with decreased regrowth.

BETTER KILL LESS TRIPS QUALITY FIBER

3.3# cotton/ac covers the cost of NanoPro® versus 8.8# cotton/ac cost of additional aerial application OFFERS 3:1 ROI*

*\$0.90/lb cotton, \$2.94/ac NanoPro®, \$8/ac aerial application

Easy handling and mixing guidelines:

For defoliation, add the water first (20-100 gal./ac), then water conditioner (i.e. AMS, pH control), 4 oz./ac **NanoPro®**, then dessication product.

Aqua-Yield® products are clean, easy to use solutions that are designed to enhance the efficiency of your crop inputs. Our recommendation for a specific grower may change based on soil test or in-season tissue testing. Aqua-Yield products can be tank mixed with most crop protection products. Always perform a jar test to confirm compatibility of products before mixing. Please see an agronomist or Aqua-Yield representative for more specific recommendations.





West Texas cotton defoliation. Two passes with NanoPro®. Complete leaf drop... zero regrowth!





California cotton defoliation. One pass with NanoPro® vs Check.



University trials show NanoPro® offers efficiency

NanoPro® with applications of Thidiazuron and Folex

NanoPro® added to the regular treatment blend of Thidiazuron and Folex resulted in improved cotton defoliation and decreased regrowth in all treatments. In both the irrigated and non-irrigated fields, the 50% Regular+NanoPro® treatment provided excellent and statistically similar control to the 100% Regular+NIS and 100% Regular+NanoPro® treatments. In the irrigated field, regrowth was similar between all treatments (data not shown). In the non-irrigated field, the 50% rates resulted in more re-growth. In conclusion, NanoPro® performance was superior compared to NIS for cotton defoliation, and may allow for drastic savings on active ingredient costs.

Irrigated and non-irrigated trials

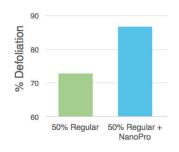
In irrigated and non-irrigated trials NanoPro® has proven to increase defoliation by 20-25%.



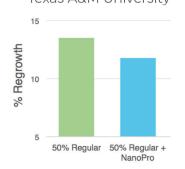
▲ Thidiazuron + Folex

▲ Thidiazuron + Folex + NanoPro®

Irrigated Cotton % Regrowth Texas A&M University

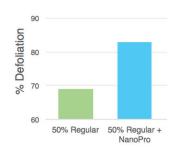


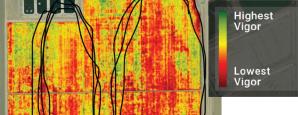
Non-Irrigated Cotton % Regrowth Texas A&M University



Non-Irrigated Cotton % Regrowth

Texas A&M University





Treatment	Approximate Defoliant Product Cost	Control
50% Regular + NIS	\$4.50	Good
50% Regular + NanoPro	\$6.60	Excellent

One pass on pima cotton in San Joaquin Valley CA.
 Circled areas had 4 oz of NanoPro®

WWW.AQUAYIELD.COM

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801-449-9220 | info@aquayield.com

Aqua-Yield® products are clean, easy to use solutions that are designed to enhance the efficiency of your crop inputs. Our recommendation for a specific grower may change based on soil test or in-season tissue testing. Aqua-Yield products can be tank mixed with most crop protection products. Always perform a jar test to confirm compatibility of products before mixing. Please see an agronomist or Aqua-Yield representative for more specific recommendations.

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FOR MORE INFORMATION CONTACT:



Granular Polysulphate

(0-0-14-19.2S-12.2Ca-3.6Mg)

PRODUCT	GRADE
Polysulphate	Granular

Chemical Analysis	Expressed As	Typical	Guaranteed
Potassium	Water soluble K ₂ 0	14.1%	14%
Sulfur	S	19.4%	19.2%
Magnesium	Mg	3.7%	3.6%
Calcium	Ca	12.5%	12.2%
Chlorides	CI		3%
Moisture	H ₂ 0	0.4%	1.0% max.

Particle Size Distributi	on		
Mesh Size			Typical Retained Range (%)
mm	Tyler	US	
4.75	4	4	0-2
4.00	5	5	5-15
2.80	7	7	50-80
2.36	8	8	75-95
2.00	9	10	88-99
1.18	14	16	99

Reagent Addition	
Coating agent	Added

Physical & Chemical Properties	
Bulk Density	93.6 lb/ft³
рН	Neutral

Trace element analysis is available on request.



ROOTRITION™ - MicroPLUS



GUARANTEED ANALYSIS:

Available Phosphate (P ₂ O ₅)	10%
Soluble Potash (K ₂ 0)	6%
Total Boron (B)	0.121%
Total Copper (Chelated Cu)	0.121%
Total Manganese (Chelated Mn) 0	.243%
Total Zinc (Chelated Zn)).243%

Derived from: Monopatassium phosphate, zinc EDTA, manganese EDTA, copper EDTA and Sodium Borate.

PROPERTIES:

Analysis:	0-10-6
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Weight: 9.85 lbs/gallon

pH: 4.5

FERTIGATION RATES:

Available Irrigation	Gallons Rootrition™
Water (gpm/ac):	E/Acre:
1 - 2	1
2 - 3	2
3 - 3.5	2.5
3.5 - 4	3
> 4	3 - 5

WARNINGS:

Keep out of reach of children.
Limited compatibility with UAN32. Contact
manufacturer for more information. This product
contains Boron. Determine plant sensitivity prior to
use as crops sensitive to boron may be injured.
Failure to follow directions may result in damage to
crops or fertigation equipment, which is out of the
control of Eco-Drip.

PRODUCT INFORMATION:

Rootrition™ MicroPLUS provides your crop a balanced blend of Phosphorus, Potassium and micronutrients. Rootrition™ MicroPLUS is 100% water soluble – designed specifically for injection through your subsurface drip irrigation system to deliver plant-available nutrients directly to the root zone. The composition and quality of Rootrition™ MicroPLUS also makes it a great candidate for fertigation through center pivots.

DIRECTIONS FOR USE:

On field crops, apply alone through subsurface drip or pivot irrigation systems over a 3 to 10 day period. Always jar test with irrigation water prior to use.

Note: Apply minimum of 1" irrigation water when injeccting through above ground systems.

NUTRITIONAL BENEFITS:

Phosphorus: Phosphorus promotes early root growth and

helps the plant store and transfer energy. P

keeps the plant functioning efficiently.

Potassium: Potassium plays a role in water and energy

relations. Plants with a proper amount of K

are better able to withstand disease and

stress.

Boron Boron's primary role provides structure to

cell walls. Deficiency reduces yield and

quality of crops.

Copper: Copper impacts both photosynthesis and

respiration, as well as stress resistance.

Manganese: Manganese is essential to photosynthesis,

as well as the synthesis of lignin. Mn is

essential for root growth.

Zinc: Zinc affects processes including protein

synthesis, hormone regulation and energy

production.

Contact your Eco-Drip agronomist for further usuage and application instructions.



ROOTRITION™ - 3-16-0



GUARANTEED ANALYSIS:

Total Nitrogen (N)	3%
Available Phosphate (P ₂ O ₅)	
Soluble Potash (K ₂ 0)	0%

Derived from: Monoammonium phosphate

PROPERTIES:

Analysis: 3-16-0

Weight: 9.52 lb/gallon

pH: 3.4

FERTIGATION RATES:

Available Irrigation	Gallons 3-16-0
Water (gpm/ac):	E/Acre:
1 - 2	2-4
2 - 3	4-6
3 - 3.5	6
3.5 - 4	8
> 4	8-10

WARNINGS:

Keep out of reach of children. Not compatible with UAN. Failure to follow directions may result in

damage to crops or fertigation equipment, which is out of the control of Eco-Drip.

PRODUCT INFORMATION:

Rootrition[™] 3-16-0 is a great product for early in the season as it assists with root growth. Rootrition[™] 3-16-0 can also be mixed with micronutrients in a Rootrition[™] custom blend, to provide a compact package with a high Phosphorus analysis and a small amount of Nitrogen. Rootrition[™] 3-16-0 is 100% water soluble – designed specifically for injection through your subsurface drip irrigation system to deliver plant-available nutrients directly to the root zone. The composition and quality of Rootrition[™] 3-16-0 also makes it a great candidate for fertigation through center pivots.

DIRECTIONS FOR USE:

On field crops, apply apply alone or as a part of a Rootrition[™] custom blend through subsurface drip or pivot irrigation systems over a 3 to 10 day period. Always jar test with irrigation water prior to use.

Note: Apply minimum of 1" irrigation water when injecting through above ground systems.

NUTRITIONAL BENEFITS:

Nitrogen As a major component of chlorophyll,

Nitrogen plays a vital role in the process of photosynthesis. Nitrogen is also found in amino acids, which are the building blocks of protein. Protein

is essential for proper growth.

Phosphorus Phosphorus promotes early root

growth and helps the plant store and transfer energy. P keeps the plant

functioning efficiently.

Contact your Eco-Drip agronomist for further usuage and application instructions.



ROOTRITION™ - 3-0-11



GUARANTEED ANALYSIS:

Total Nitrogen (N)	3%
Available Phosphate (P ₂ O ₅)	
Soluble Potash (K ₂ 0)	11%

Derived from: Potassium nitrate

PROPERTIES:

Analysis: 3-0-11

Weight: 9.83 lbs/gallon

pH: 7-10

FERTIGATION RATES:

Available Irrigation Gallons 3-0-11

Water (gpm/ac): E/Acre: 1 - 2 2-4 2 - 3 4-6 3 - 3.5 6 3.5 - 4 8 > 4 8-10

WARNINGS:

Keep out of reach of children.
Failure to follow directions may result in damage to crops or fertigation equipment, which is out of the control of Eco-Drip.

LATE POTASSIUM BENEFITS

In cotton, Potassium also affects fiber properties due to its role in maintaining proper water pressure, allowing for fiber elongation.

PRODUCT INFORMATION:

RootritionTM 3-0-11 is great for a final shot of potassium late in the season. RootritionTM 3-0-11 can also be mixed with micronutrients in a RootritionTM custom blend, to provide a compact package with a high Potassium analysis and a small amount of Nitrogen. RootritionTM 3-0-11 is 100% water soluble – designed specifically for injection through your subsurface drip irrigation system to deliver plant-available nutrients directly to the root zone. The composition and quality of RootritionTM 3-0-11 also makes it a great candidate for fertigation through center pivots.

DIRECTIONS FOR USE:

On field crops, apply apply alone or as a part of a Rootrition™ custom blend through subsurface drip or pivot irrigation systems over a 3 to 10 day period. Always jar test with irrigation water prior to use.

Note: Apply a minimum of 1" of irrigation water when injecting through above ground systems.

NUTRITIONAL BENEFITS:

Nitrogen: As a major component of chlorophyll,

Nitrogen plays a vital role in the process of photosynthesis. Nitrogen is also found in amino acids, which are the building blocks of protein. Protein

is essential for proper growth.

Potassium: Potassium plays a role in water and

energy relations. Plants with a proper

amount of K are better able to withstand disease and stress.

Contact your Eco-Drip agronomist for further usuage and application instructions.



ROOTRITION™ - 0-9.5-6



GUARANTEED ANALYSIS:

Total Nitrogen (N)	0%
	(P ₂ O ₅) 9.5%
Soluble Potash (K ₂ 0)	6%

Derived from: Monopotassium phosphate

PROPERTIES:

Analysis: 0-9.5-6

Weight: 9.5 lbs/gallon

pH: 4-5

FERTIGATION RATES:

Available Irrigation	Gallons 0-9.5-6
Water (gpm/ac):	E/Acre:
1 - 2	2-4
2 - 3	4-6
3 - 3.5	6
3.5 - 4	8
> 4	8-10

WARNINGS:

Keep out of reach of children. Not compatible with UAN. Failure to follow directions may result in damage to crops or fertigation equipment, which is out of the control of Eco-Drip.

PRODUCT INFORMATION:

Rootrition™ 0-9.5-6 is a high quality liquid source of Phosphorus and Potassium designed for individual use or as a component of a Rootrition™ custom blend, as it is compatible with most common EDTA chelated micronutrients available through Eco-Drip. With a balanced analysis, it works well for blends requiring higher quantities of both Phosphorus and Potassium in a compact package. Rootrition™ 0-9.5-6 is 100% water soluble – designed specifically for injection through your subsurface drip irrigation system to deliver plant-available nutrients directly to the root zone. The composition and quality of Rootrition™ 0-9.5-6 also makes it a great candidate for fertigation through center pivots.

DIRECTIONS FOR USE:

On field crops, apply alone or as a part of a Rootrition™ custom blend through subsurface drip or pivot irrigation systems over a 3 to 10 day period. Always jar test with irrigation water prior to use.

Note: Apply minimum of 1" irrigation water when injecting through above ground systems.

NUTRITIONAL BENEFITS:

Phosphorus: Phosphorus promotes early root

growth and helps the plant store and transfer energy. It also keeps the

plant functioning efficiently.

Potassium: Potassium plays a role in water and

energy relations. Plants with a proper

amount of K are better able to withstand disease and stress.

Contact your Eco-Drip agronomist for further usage and application instructions.







ABOUT US

Vermico Farms is a small, family run business, committed to premium organic products and amazing service. Texas Earth, Inc. is a proud distributor of Eden's Best Organic Worm Castings.

Our hope is to see more and more gardeners and growers, novice and seasoned, see the success that many others have experienced from the simple application of our 100% worm castings.

Growing, gardening, and farming is hard work with many challenges. We can help you succeed – safely and organically.

CONTACT

PHONE: 806-224-2702

EMAIL: info@TexasEarth.com WEBSITE: www.TexasEarth.com

HOURS

9 am – 5 am Monday - Friday

EDEN'S BEST

100% ORGANIC WORM CASTINGS



WHY ORGANIC WORM CASTINGS?

Top 4 reasons – we say "O-MAN!":

- "O" <u>Organic Matter</u> content. Soil must have an organic matter content of 3% to sustain plant life. Our castings contain 18% 25% organic matter! Mix it in & watch it work.
- "M" <u>Microbial</u> activity. Helpful microbes move in to convert organic matter into nutrients that the plant roots need.
- "A" <u>Aggregation</u> of the soil. Castings and microbes promote a binding of soil particles called Aggregation – which helps the soil to retain more water and prevent runoff.
- "N" <u>Nitrates</u>. Microbes also convert available Nitrogen into a chemical that plants thrive on Nitrates.

Other side benefits of castings:

- Though results vary from family to family, castings have been proven to increase yield by 30-40% in some cases
- The natural chemicals found in worm excretion promote resistance to many plant diseases & provide seed inoculation.
- These same chemicals provide natural resistance against pests like mites, aphids and mealy bugs.
- When used in their natural form, castings slowly release all these great natural bio-benefits over a 6-8 week period.

It's safe and completely ORGANIC.

- Our castings are OMRI-certified!
- Completely non-toxic, safe for children & pets
- Absolutely no harm to plants if over-applied
- Odor FREE!

It's easy to apply:

Can be used their natural, granular form, or mixed into liquid form ("worm tea") to be applied locally, or broadcast over lawns and crops.

100% WORM CASTINGS

Bulk Bags

2,000 lb /2-yd bags for bulk application/mixing.
Call or email for a quote. Availability and pricing vary with quantity.

Also sold in 30-lb bags, individually or by the pallet.