

QUALITY ORGANIC PRODUCTS

FOR AGRICULTURE AND THE ENVIRONMENT



Photo from USDA NRCS

Distributed Worldwide by:



Dallas, Texas - U.S.A.
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ABOUT US

We are distributors representing manufacturers of organic products that have been sold in the USA market and abroad since 1962. We would like to introduce uniquely formulated, biologically based products that are designed to improve the soil and control waste - *naturally*. These totally organic products have been used extensively with excellent results and with no harm to the environment.

The products we offer are all manufactured in the United States and available for export worldwide. We would welcome the opportunity to provide these quality products to your market. We take pride in providing the excellent service our customers deserve and delivery of all orders in a timely and efficient manner.





AGRICULTURAL PRODUCTS

CONTENTS

ORGANIC FERTILIZERS:

- Soil Activator
- 6-12-6 NPK
- 15-5-5 NPK
- HUMATE (Liquid Humic Acid)



SOIL ACTIVATOR

for vigorous plants and healthy soils!

Soil Activator, the original biological activator for the soil is derived from a complex bio-catalyst process and fortified with essential micronutrients. It is widely used by natural gardening experts because it stimulates beneficial organisms in the soil - *naturally*. It actually loosens and balances the soil resulting in a healthier, stronger root system. It is excellent for revitalizing tired, overworked lawns and gardens. Soil Activator can be used with most fertilizers, herbicides or pesticides, or in conjunction with natural soil building practices. It stimulates, strengthens and multiplies the soils' indigenous microbes and bacteria and is also excellent for compost piles.

WHAT DOES SOIL ACTIVATOR DO?

Soil Activator causes things to happen naturally. The productivity of any soil is in direct proportion to the number and activity of soil microorganisms. Soil Activator is a combination of trace elements and catalysts designed to encourage microbial activity and the natural processes in your soil.

APPLICATION:

One quart covers approximately 1000 sq. ft.

Excellent as a foliar feed or soil treatment.

HOSE ON SPRAYER: Fill container with Soil Activator and set sprayer for 4 to 6 ounces per gallon and spray.

PUMP UP SPRAYER: Mix 1 part Soil Activator with 15 parts water and spray.

TRANSPLANTING: Use 6 tablespoons of Soil Activator per 1 gallon of water.

PLANTING SEEDS: Apply Soil Activator as shown above (Hose on or Pump Up) and spray tops of rows.

COMPOST BEDS: To speed decay of residues, thoroughly soak surface with Hose On or Pump Up as above.

FOLIAGE: Mix Soil Activator as shown above and spray until solution drips from leaves. Apply about 4 weeks after plants come up or when fresh growth appears. Repeat every month on blooming or fruiting plants, or every 10 days for best results.

CAUTION: Use within a few hours of mixing. Do not apply on mature head plants such as cabbage or lettuce. Foliar applications should be made only during cooler times of the day.

ALWAYS DILUTE AND APPLY WITH WATER

GUARANTEED ANALYSIS

Magnesium (Mg) 0.50%

Iron (Fe) 0.10%

Zinc (Zn) 0.05%

Derived from:

Magnesium Sulphate, Ferrous Sulfate, Zinc Sulphate



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DESIGNED TO ENCOURAGE:

- Loose and mellow soils • Faster breakdown of plant residues • Vigorous plants due to stronger roots •
- Improved water holding capacity • Better nutrient and water uptake •

6-12-6

CONCENTRATED FERTILIZER

• NUTRIENT SUPPLEMENT FOR PLANTS • HUMIC ACID • SOIL ACTIVATOR •

6-12-6 CONCENTRATED FERTILIZER contains high quality N-P-K plant food complexed with humic and fulvic acids, Soil Activator to stimulate biological activity, and seaweed extracts and sugars to stimulate fruiting and blooming. It is ideal for foliar applications where nutrients are absorbed directly by the plant. Low-salt, low chemical formulation prevents leaf burn. Nitrogen is derived from clean urea sources and is complexed with humic acid.

This superior liquid nutrient supplement for plants is three products in one! It keeps on going where other plant foods stop. Excellent foliar feeding, where nutrients are taken in through the leaves instead of the soil. Non-corrosive, low salt, and low biuret. Possibility of leaf burn is practically eliminated. Contains Humate humic acid for more complete nutrient uptake (less fertilizer waste) and Soil Activator to stimulate natural soil organisms.

Recommended for potted plants, flowers, vegetables, trees, shrubs, transplanting and bed preparation.

BENEFITS:

- Gentle formulation for foliar application
- Prevents salt and chemical buildup
- Builds biological activity in the soil
- Promotes fruiting and blooming
- Excellent for transplants



GUARANTEED ANALYSIS

Total Nitrogen (N).....	6.00%	
Available Phosphorus (P ₂ O ₅)..	12.00%	
Soluble Potash (K ₂ O)	6.00%	
Copper (Cu).....	0.02%	EDTA CHELATED
Iron (Fe)	0.05%	EDTA CHELATED
Manganese	0.05%	EDTA CHELATED
Molibdenum (Mo).....	0.0005%	
Zinc (Zn)	0.05%	EDTA CHELATED
Humic Acid	1.00%	

Derived from Urea, Phosphoric Acid, Potassium Hydroxide, Aqua Ammonia, EDTA Copper, EDTA Iron, EDTA Manganese, Sodium Molybdate, EDTA Zinc and Leonardite Ore.

INSTRUCTIONS:

FOLIAR APPLICATION: If using a hose on sprayer with adjustments, set for 1 tablespoon or ½ ounce per gallon. Fill the container with undiluted **6-12-6 Concentrated Fertilizer**. Spray until leaves start to drip. Best time of day is mornings or evenings when it's not hot. Do not wash the spray off the foliage. One quart should cover 10,000 square feet. You can repeat every 2 weeks during growing season. With a pump-up sprayer or sprinkling can, mix ½ ounce with 1 gallon of water; spray as above.

SOIL APPLICATION: For flower beds and flower pots, mix 1 ounce. per gallon of water and apply with a sprinkling can. Thoroughly water the soil around the plant. Repeat every 3-4 weeks during growing season.

TRANSPLANTS: To increase root growth and reduce transplant shock, new plants can be watered in with a mixture of diluted **6-12-6 Concentrated Fertilizer**. Mix 1 ounce per gallon of water and pour slowly to wet all of the loose soil around new plant.

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15-5-5

NUTRIENT SUPPLEMENT FOR PLANTS

15-5-5 is a complete fertilizer that acts like a nutrient supplement and developed exclusively to condition and renovate the soil.

15-5-5 NUTRIENT SUPPLEMENT is an organic extract produced by a multi-stage fermentation process.

15-5-5 NUTRIENT SUPPLEMENT increases the natural bacterial activity in the soil resulting in total nutrient absorption and maximizing crop development and growth using the same amount of fertilizer as normally used.

15-5-5 NUTRIENT SUPPLEMENT produces an increase in plant size and volume, increase in richness of flower and leaf color and increase in the size of the root system.

15-5-5 NUTRIENT SUPPLEMENT enhances the plant's natural defenses against diseases that affect the plant as well as the root system.

15-5-5 NUTRIENT SUPPLEMENT encourages a favorable growth rhythm maintaining the development of healthy flowers and fruit.

**For foliar applications,
preparation of nutrient solution
and fertirrigation**



Photo from USDA NRCS

GUARANTEED ANALYSIS

Total Nitrogen.....	15%
Phosphoric Acid (P ₂ O ₅)	5%
Potash (K ₂ O).....	5%
pH	5.3

Derived from Urea, Phosphoric Acid, Potassium Hydroxide, Aqua Ammonia, EDTA Copper, EDTA Iron, EDTA Manganese, Sodium Molybdate, EDTA Zinc and Leonardite Ore.

INSTRUCTIONS:

15-5-5 NUTRIENT SUPPLEMENT

- can be applied with other fertilizers, insecticides, and/or herbicides.
- can apply via drip irrigation, sprinkler system, and foliarly. Can also be applied by aerial means.
- annual and successive applications enriches the soil, unblocking and making essential elements more available to the plants.
- can be applied during any season of the year, but recommended during the crop's most active growth cycle when fruit is developing.
- can be applied foliarly during the active vegetative stage wetting the plants thoroughly and uniformly.

FOR BEST RESULTS

Apply **15-5-5 NUTRIENT SUPPLEMENT** prior to planting and a second application when the plant begins to sprout. For maximum nutrient absorption it is necessary to incorporate water (rain or irrigation) within 7 days after applying to crop.

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HUMATE



LIQUID HUMIC ACID CONCENTRATE

for healthier crops and more productive soils

NATURALLY!

WHAT IS HUMIC ACID?

The term "humus" dates back to the time of the Romans to designate the whole soil. Most often it is considered as a complex, formed in soils, bogs or composts by a special process of "humification".

HUMATE Humic Acid Liquid is like concentrated compost

in a bottle, it contains both humic and fulvic acids. Humic acid is a basic product for natural gardening enthusiasts who want to build the quality and structure of the soil without chemical fertilizers. Our humus comes from deep below the ground's surface, where plant matter has been "composted" for hundreds or thousands of years.

HUMATE Humic Acid Liquid helps the natural plant-to-soil relationships, increases fertilizer uptake, and chelates trace minerals. It is a key product for high-production soils, and contains most of the biological compounds synthesized by plants and organisms. It also supplies essential humic material for improved soil structure formation



For best results, use **HUMATE Humic Acid Liquid** as part of an overall fertilization program. The amount of plant foods and frequency of application can be reduced because **HUMATE** activates the soil and root system and allows the plant to absorb nutrients more efficiently. Add **HUMATE** at a rate of 1 cup per gallon of liquid fertilizer.

Photo from USDA NRCS

GUARANTEED ANALYSIS

Humic Acids12.00%

Derived from Leonardite

INSTRUCTIONS:

Vegetables and Flowers: Mix 3 tablespoons per gallon of water. Pour around plants and water into soil. Repeat every 3-4 weeks during growing season.

Indoor Plants: Use 1 tablespoon per quart of water. Apply to soil each month.

Lawns: Use 1 pint per 1000 square feet. Apply with water to soak into soil.

Trees: When planting, mix 2 tablespoons per gallon of water. Place root ball in hole and pour on solution. Replace soil, apply solution again, and water thoroughly. Use 2 tablespoons **HUMATE** per 1 inch diameter of tree, mix with water, thoroughly soak root area.

Seeds: Soak planting seeds in 1 tablespoon per gallon of water or until seed skin is penetrated, plant immediately.

BENEFITS:

- Improves moisture retention
- Enhances nitrogen and nutrient release
- Provides micro and macro nutrients
- Improves soil physical properties
- Holds exchangeable plant nutrients
- Builds stronger root system
- Increases water and nutrient uptake
- Encourages natural processes in the soil
- Helps plants produce more abundant foliage, flowers and fruit

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ORGANIC BIOREMEDIATION PRODUCTS



- **Compost Starter**
- **Septic Tank Starter**
- **Biological Liquid Activator**

COMPOST STARTER

Compost Starter is a natural biological activator for use with compost piles and solid organic wastes. It contains specific bacterial and fungal cultures that are needed to inoculate a new compost pile, and ensures a faster startup time and a more complete digestion of organic waste.




DO COMPOST:

- Grass clippings
- Leaves
- Evergreen Needles
- Twigs
- Wood Chips
- Garden Wastes
- Breads & Grains
- Coffee Grounds & Filters
- Egg Shells
- Paper (without dyes)
- Cow, Horse, Poultry, & Pig Manures
- Fruit & Vegetable Wastes
- Tea Leaves & Bags

DON'T COMPOST:

- Diseased Plants
- Meat Scraps
- Dairy products
- Oil or Oily Foods



COMPOSTING GUIDE

GENERAL APPLICATION RATE:

Mix 1 oz. Compost Starter with water (amount of water is not critical) and spray evenly over each 250 lbs. of material to be composted. Mix or agitate material after application.

Choose a spot at least 3' X 3' preferably in partial shade, near a water source and not in a low spot where water will puddle. You may construct a ventilated container or simply have an open pile. You may either cover your compost to protect it from excessive rain or leave it uncovered. There is no right or wrong method.

Start with a 4" to 6" layer of wastes high in carbon, or "brown" materials (dead leaves, brush, wood shavings, paper, or dry hay). Layering is not necessary, but it helps to get the proportions right. Moisten, without saturating.

Add a 4" to 6" layer of materials high in nitrogen, or fresh "green" materials (green grass clippings, manure, food scraps). Moisten pile again with water. Add a smaller amount of soil or compost. Mix layers with a hoe or pitchfork. Continue layering until pile is large enough or bin is full. 3' is a good height to start with.

Mix and turn the pile every 1 to 2 weeks, adding water as necessary to keep it moist. As it becomes mature, the compost will look and smell like dark, rich earth. The entire process takes anywhere from 2 months to a year depending on materials used and how often the pile is turned.

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• 100% NATURAL • ENVIRONMENTALLY SAFE • FASTER STARTUP TIMES FOR COMPOST •

SEPTIC TANK STARTER

• Concentrated • Non-Pathogenic • Bacterial Inoculant •

Improperly treated waste from septic systems can potentially result in ground water contamination. This can ultimately lead to harmful contamination of drinking water sources and significantly threaten the health of both humans and wildlife. Proper septic system maintenance can drastically reduce the risk of diseases and infections caused by contaminated water.

Septic Tank Starter is made up of dry bacteria and fungi formulated to digest grease and wastes in the septic system. Septic tank starter is ideal for sluggish systems that are low in microbial activity and new or recently pumped systems. Septic Tank Starter contains specific beneficial bacteria and fungal cultures for degrading organic wastes.

GENERAL APPLICATION RATE:

Mix 1 oz. **Septic Tank Starter** in approximately 1 gallon of warm water. Pour into commode and sinks, flush commode once. It is best to apply at the end of the day or during off-peak use times to allow the solution ample working time.

NOTE: For faster and better results and maximum odor reduction, use with **Liquid Septic Tank Activator***.

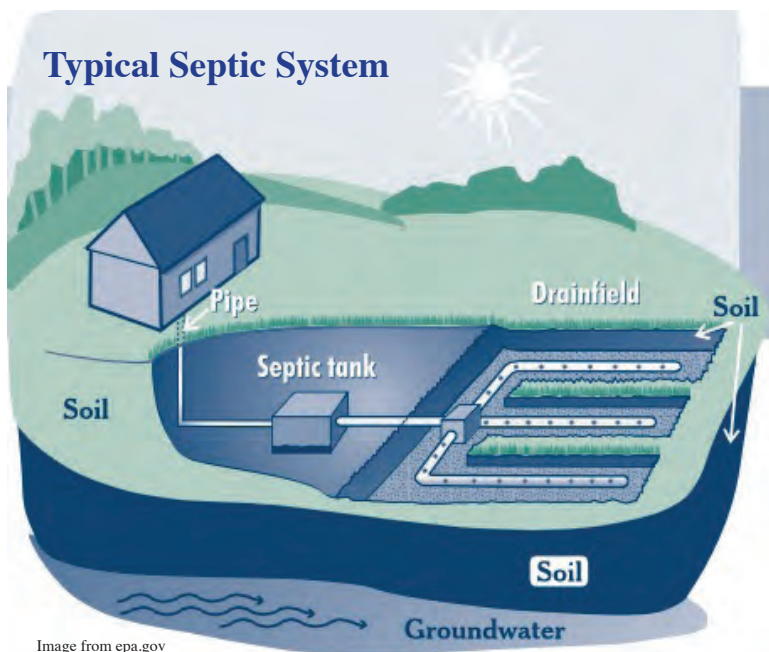


Image from epa.gov



SEPTIC SYSTEM DOs:

- use water efficiently to avoid system overload
- use mild cleaners and detergents (and in moderation)
- keep records of all system maintenance
- know exact location of system
- plant only grass over and near system
- have routine inspections by licensed professional



SEPTIC SYSTEM DON'Ts:

- flush anything except septic-safe toilet paper
- put caustic chemicals down drain
- drive or park vehicles on any part of system
- build anything over drainfield
- plant trees or shrubs near system to prevent root damage

* **Liquid Septic Tank Activator** increases the natural biological activity of microbes present in sewage. It contains biological activators derived from a fermentation process. This increase in the activity and numbers of organisms can help speed up the digestion of wastes, and release enzymes that break down grease and other complex wastes. Because these wastes are more completely digested the need for cleaning and pumping are greatly reduced and so are the odors. **Liquid Septic Tank Activator** helps produce digestive organisms that liquefy grease and waste solids, so they flow easily through the pipes, all the way into drain fields.

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- NON-CORROSIVE • ENVIRONMENTALLY SAFE • WILL NOT HARM PIPES •
- WILL NOT CONTAMINATE SOILS • NATURAL BIOLOGICAL ACTIVATOR •



LIQUID ACTIVATOR



• REDUCES ODORS • DIGESTS WASTE • EATS GREASE •

Liquid Activator is a naturally occurring biochemical mixture derived from an aquatic ecosystem. It increases the natural biological activity of microbes present in sewage. It contains biological activators derived from a specialized fermentation process. This increase in the activity and numbers of organisms can help speed up the digestion of wastes, and release enzymes that break down grease and other complex wastes. Because these wastes are more completely digested, the need for cleaning and pumping are greatly reduced and so are the odors. **Liquid Activator** helps produce digestive organisms that liquefy grease and solid waste, so they flow easily through the pipes, all the way into drain fields.

APPLICATION RATES

SEPTIC TANKS, CESSPOOLS AND DRAIN FIELDS:

For every 4 people using the system, flush one quart of **Liquid Activator** down any drain leading to the tank. Add one pint one week later, then one cup each month for preventative maintenance. This low cost preventative maintenance program may help to preserve the useful life of your septic system and reduce the need to pump out solids. When you consider the high cost of replacing part or all of your septic system, a small investment in **Liquid Activator** now could result in significant savings later.

ODOR CONTROL:

Use ¼ cup of **Liquid Activator** to reduce odors in garbage disposals, drain pipes, or other odor releasing areas.

DOG RUNS, FEED LOTS, AND CHICKEN PENS:

Spray treatment area with one pint of **Liquid Activator** mixed with one gallon of water (covers 20' X 50' area; 1000 square feet).

NOTE: For information about treating waste from commercial and municipal facilities, farm animal waste treatment or any other specific situation please contact product distributor.

BENEFITS:

Helps prevent clogging

Odors drastically reduced or eliminated

Will not corrode pipes

Will not cause pH problems

Safe

Non-Toxic

100% NATURAL

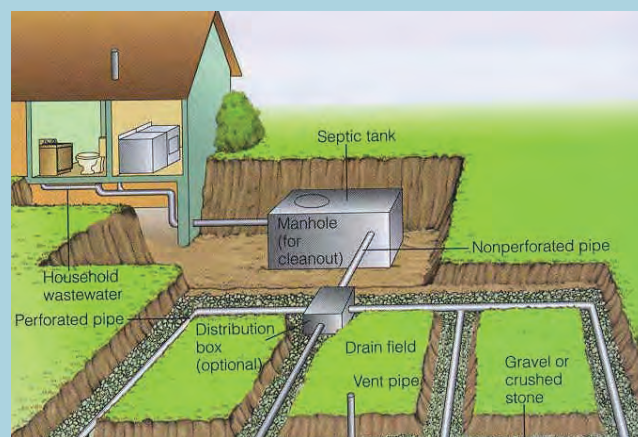


Photo from MA Title V Sep Reg

Liquid Activator can be poured down any household drain leading to the septic tank

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PLEASE CONTACT US TO OBTAIN:

- **Prices**
- **Shipping details**
- **Payment terms**
- **Any other information**

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