

Menefee MineralTM Products

**Granular & Water-Soluble
Menefee Humate[®]**



MENEFEE MINERAL PLANT NUTRITION PRODUCTS

Menefee Humate®

Granular all natural carbon, trace mineral, and humic acid based soil conditioner that acts as a organic chelator, microbial stimulator, and source of vital micronutrients. It has a unique carbon matrix incorporating a high concentration of organic acids, specifically humic and fulvic acids, which improves the plants ability to take in vital nutrients.

MH 300 - for agriculture pre-plant and side dress applications

MH 150 - for compost and top dressing blends

Packaging - 50 lb. bags and One Ton Super Sacks

Grow-Plex SP™

Natural humic acid based water-soluble powder with vital micronutrients derived from Menefee Humate® for use alone or as an ingredient to enhance any balanced fertility program. Use as a foliar spray or as a soil drench for plant growth and development.

**Packaging – 10 lb. containers
25 lb. containers**

Nutri Plus™ 5 - 15 - 15

A balanced N-P-K, trace mineral, carbon, and humic acid based water-soluble powder for use as a stand alone product or in conjunction with balanced nutrient programs as a foliar spray or soil drench for plant growth and development.

**Packaging – 10 lb. containers
25 lb. containers**



Menefee Humate

A Natural Trace Mineral, Carbon, and Humic Acid Based Soil Conditioner

Product Description:

- ❖ A natural trace mineral, carbon, and humic acid based granular soil conditioner that acts as an organic chelator and microbial stimulator. It has a unique carbon matrix incorporating a high concentration of trace minerals and organic acids, specifically humic acid, which improves the plant's ability to take in vital nutrients. For plant growth and development.

❖ **Product Analysis:**

❖ Humic Acids.....	60.00%
❖ Nitrogen (N).....	1.00%
❖ Calcium (Ca)	1.04%
❖ Sulfur (S).....	0.18%
❖ Magnesium (Mg).....	0.14%
❖ Iron (Fe).....	0.30%
❖ PH	3.4



Grow-Plex SP

All Purpose Trace Mineral, Carbon, and Humic Acid Based Water-Soluble Powder

Product Description

❖ A natural trace mineral, carbon, and humic acid based water-soluble powder derived from Menefee Humate® for use as a stand alone product, or as an ingredient in balanced fertility programs as a foliar nutrient spray or soil drench for plant growth and development.

❖ **Grow-Plex SP™** has excellent tank mix flexibility due to its balanced formulation and neutral pH.

❖ **Product Analysis:**

❖ Calcium (Ca)	1.7%
❖ Magnesium (Mg)	0.3%
❖ Carbon	20 %
❖ Humic Acids	60 %
❖ Fulvic Acid	26 %
❖ pH	6.2

❖ **Derived From:** Menefee Humate®



NUTRI PLUS 5-15-15

All Purpose N-P-K, Trace Mineral, Carbon, and Humic Acid Based Water-Soluble Powder

Product Description

- ❖ A natural trace mineral, carbon, and humic acid based water-soluble powder derived from Menefee Humate® for use as a stand alone product, or as an ingredient in balanced fertility programs as a foliar nutrient spray or soil drench for plant growth and development.
- ❖ **Nutri-Plus™ 5-15-15** has excellent tank mix flexibility due to its balanced formulation and neutral pH.

❖ Product Analysis

❖ Calcium (Ca)	1.7%	Nitrogen	5.0%
❖ Magnesium (Mg)	0.3%	Phosphate (P ₂ O ₅)	15.0%
❖ Carbon	20 %	Potash (K ₂ O)	15.0%
❖ Humic Acids	30 %		
❖ Fulvic Acid	10 %		
❖ pH	6.2		

❖ **Derived From:** Menefee Humate®



MENEFEE MINERAL PLANT NUTRITION PRODUCTS

Humic/Fulvic Acid + Seaweed

SeaMate™

A line of natural seaweed and humic acid based water-soluble powder products with vital micronutrients derived from Menefee Humate® and rich seaweed grown in the North Atlantic (ASCOPHYLLUM nodosum). These products may be used alone or as an ingredient to enhance any balanced fertility program. Use as a foliar spray or as a soil drench for plant growth and development.

SeaMate™

Balanced Seaweed, Humic Acid, and Trace Mineral water-soluble powder

SeaMate Fe™ 6 - 8 - 12

Balanced N-P-K, Seaweed, Humic Acid, Iron (3%), and Trace Mineral water-soluble powder

**Packaging – 10 lb. (4.54 KG) containers
25 lb. (11.34 KG) containers**



SeaMate Fe™ 6-8-12

Product Description:

A balanced seaweed, N-P-K, trace mineral, carbon, and humic acid based water-soluble powder for use as a stand alone product, or as an ingredient in balanced fertility programs as a foliar nutrient spray or soil drench for plant growth and development

- ❖ *SeaMate Fe 6-8-12 has excellent tank mix flexibility due to its balanced formulation and neutral pH.*
- ❖ Total Nitrogen 6.0%
- ❖ 3% Urea Nitrogen
- ❖ Phosphate (P₂O₅) 8.0%
- ❖ Potash (K₂O)12.0%
- ❖ Iron (Fe) 3.0%
- ❖ **Derived From:** Menefee Humate, Potassium Phosphate, Urea, Ferrous Sulfate
- ❖ **Growth Stimulants:** Cytokinins, Auxins, Gibberellins, & Betaines
- ❖ **Non Plant Food Ingredient:**
- ❖ Humic Acids 20.0%
- ❖ (Fulvic Acid10.0%)
- ❖ **Derived From:** Menefee Humate



Bio Products for Agriculture Management

- ❖ **Bio-Gp:** A probiotic and nutraceuticals product for plants, trees, and vines. Consist of a balanced blend of freeze dried aerobic & anaerobic bacteria, a pH buffer, enzymes, catalysts, carbon, & organic acids. Bio-Gp is designed to introduce a balanced and effective blend of soil microorganisms for enhanced crop production.
- ❖ **BioProtect (Bio-PT):** A custom blend of natural occurring beneficial microorganisms which are selected from the USDA list of approved probiotic organisms. Designed to negate the effects of non beneficial microorganisms in the soil and on the plant. The blend of naturally occurring non-genetically altered (Non-GMO) materials is allowed for organic production.



Earthgreen Products Inc.

Humic Acid Based Water-Soluble Powders

Advantages vs. Liquid Humic & Fulvic Acid Products

- ❖ **Transportation, storage, and handling** -concentrated spray dried water-soluble powders they are easy to ship and store until time of application.
- ❖ **Compatibility** – maintain a near neutral pH of 6.2 – 6.4. Compatible with liquid fertilizers, micronutrients, fungicides, and insecticides. Go into a true **solution** so there are **no sedimentation problems** in blending tanks or clogging in applicators.
- ❖ **Composition** – maintain a high level of humic acid, fulvic acid, and carbon. Extensive research demonstrates the benefits of using both humic acid and fulvic acid in the same application if possible.
- ❖ **Efficacy** – very effective at low rates. Foliar applications of 140 – 280 gr/h per application, and soil applications of 280 –560 gr/h per application with standard nutrient programs have proven to be very effective.
- ❖ **Economical** – A retail cost to the grower/manager which is very affordable as an ingredient in any fertility program.



Benefits of Menefee Mineral Products:

- 1. Enhance availability and uptake of nutrients***
 - Aid in the release of nutrients bound up in the soil*
 - Increase uptake of nutrients applied through soil and foliar applications*
- 2. Enhance germination and early plant development***
- 3. Enhance early root development (mycorrhizae)***
- 4. Stimulate natural indigenous microbial activity***
- 5. Improve the uptake and effect of fungicides***



Benefits of Menefee Mineral Products:

- 6. Reduce the “burning” effect of insecticides*
- 7. Enhance plant’s resistance to stress*
- 8. Promote healthier, stronger plants*
- 9. Enhance overall growth and appearance*
- 10. Promote residue (thatch) decomposition*
- 11. Over 65% organic matter, 100% pathogen free*
- 12. OMRI Listed for Organic Production*



Menefee Mineral Program

- ❖ ***APPLICATION: CITRUS, TREE FRUIT, & VINES***
(Citrus, Stone Fruit, Table/Wine Grapes, and Raisin Grapes)
- ❖ ***Pre-Plant & Annual Applications:***
- ❖ **Granular Menefee Humate® at 200 to 250 lb./acre** as a stand alone product or blended into the granular pre-plant fertilizer. Broadcast between rows in late fall or early spring.
- ❖ ***Side Dress Application:***
- ❖ **Grow-PLEX SP/Nutri-Plus™ at 4 oz./acre per application** every 3 to 4 weeks, make at least 2 apps during fruiting season.
- ❖ ***Foliar Applications:***
- ❖ **Grow-Plex SP/Nutri-Plus™ at 2 oz./acre per application** at bloom and every 2 to 3 weeks, make at least 4 applications.



Menefee Mineral Program

- ❖ ***APPLICATION: ROW CROPS***

(Melons, Lettuce, Broccoli, Tomatoes, Carrots, Onions, Corn, etc.)

- ❖ ***Pre-Plant Application:***

- ❖ **Granular Menefee Humate[®] at 100 to 125 lb./acre** as a stand alone product or blended into the granular pre-plant fertilizer. Approximately 1 lb. per 100 linear foot of planting bed.

- ❖ ***Side Dress Application:***

- ❖ **Grow-PLEX SP/Nutri-Plus[™] at 4 oz./acre per application** every 3 to 4 weeks, make at least 2 applications.

- ❖ ***Foliar Applications:***

- ❖ **Grow-Plex SP/Nutri-Plus[™] at 2 oz./acre per application** every 2 to 3 weeks, make at least 4 applications.



Distributed by:

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