



Guaranteed Analysis:

Soluble Potash (K ₂ O).....	5%
Humic Acid.....	16%
Fulvic Acid.....	9%
Ulmic Acid.....	3%
Total other ingredients (inert).....	67%

Other Ingredients:

Sulfur, Magnesium, Calcium, Sodium, Iron, Manganese, Copper, Zinc

1 Jug: 1 Gal (3.78 Liters)
Net Weight: 8 lbs (3.63 kg)

1 Case: 4 Gal (15.12 Liters)
Net Weight: 32 lbs (14.52 kg)



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Paleo is a blend of Humic, Fulvic and Ulmic acid that acts as an organic chelator and microbial stimulator. It has a unique carbon matrix which includes a high concentration of trace minerals and organic acids. Humic acid enhances the plant's ability to take in essential nutrients and improves soil structure.

Humic Acid Benefits

- Increases soil carbon
- Improves plant health
- Improves germination and viability of seeds
- Chelates macro and micro nutrients to increase availability to the plant for a longer period of time
- Increases cation exchange capacity (CEC)
- Improves soil structure for better aeration and water movement

Application Rates:

Turf (Residential, Commercial):

- Initial Application: 3 oz. per 1,000 sq. ft. (1 Gal per Acre)
- Maintenance: 3 oz. per 1,000 sq. ft. every 2 weeks

Ornamental Rates for Paleo

Tank Size	100 Gallons	150 Gallons	200 Gallons	300 Gallons
2 Applications Annually	0.39 Gallons	0.59 Gallons	0.78 Gallons	1.17 Gallons
Stress Recovery Rate	0.78 Gallons	1.17 Gallons	1.56 Gallons	2.34 Gallons

Paleo Benefits

- Humates feed the soil microbes which in turn release the nutrients such as nitrogen, phosphates and other trace elements
- **Humic acids** - enable the plants to extract nutrients from the soil
- **Ulmic acids** - stimulate and increase root formation and growth
- **Fulvic acids** - give plants strength to withstand stresses caused by pest, drought and mowing
- Acts as an organic catalyst
- Natural chelating and complexing agent to help magnify nutrient absorption



Turf (Golf):

- Overall: 1 Gal per Acre per month
- Program: 64 oz per Acre every 2 weeks

10 Micronutrients (ppm)

- Sulfur (S) 2000
- Magnesium (Mg) 2000
- Calcium (C) 300
- Sodium (Na) 300
- Iron (Fe) 974
- Manganese (Mn) 34
- Copper (Cu) 4.0
- Zinc (Zn) 9
- Boron (B) 0.8
- Molybdenum (Mo) 0.9

Humate Trace Mineral Content (ppm)

Aluminum 10	Thulium 0.5	Vanadium 0.5
Chlorine 8.0	Beryllium 0.1	Cadmium 4.2
Hafnium 0.9	Dysprosium 0.9	Gadolinium 0.5
Rubidium 4.0	Iridium 0.9	Lithium 16
Terbium 1.0	Osmium 1.0	Potassium 1000
Antimony 0.3	Selenium 1.0	Strontium 4.0
Chromium 0.3	Tin 0.3	Ytterbium 0.1
Holmium 0.5	Bismuth 0.5	Gallium 1.0
Neodymium 10	Erbium 0.8	Lutetium 0.1
Ruthenium 0.5	Palladium 0.5	Praseodymium 10
Thallium 5.0	Silicon 60	Yttrium 0.1
Arsenic 0.8	Titanium 0.1	Cerium 4.2
Cobalt 0.9	Europium 0.9	Germanium 0.5
Indium 0.5	Lanthanum 1.0	Rhenium 0.5
Nickel 2.0	Phosphorus 30	
Samarium 0.9	Silver 0.2	
Thorium 5.0	Tungsten 5.0	
Barium 0.5	Bromine 0.2	
Iodine 0.1	Fluorine 5.0	
Niobium 1.0	Lead 0.6	
Scandium 0.9	Platinum 0.5	