



Product Specifications



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Valena™

CODE NUMBER

018141

DESCRIPTION

A soil amendment intended to aid in the growth of desirable plants.

INGREDIENTS

A proprietary strain of *Euglena gracilis*.

QUALITY SPECIFICATIONS	
Nitrogen Total (N)	2%
Phosphate (P ₂ O ₅)	1%
Potassium (K ₂ O)	0.2%
TYPICAL CHARACTERISTICS	
Moisture	10%
Color	Yellow to Tan

INSTRUCTIONS FOR USE

Apply Valena™ as a soil amendment or as a top dress. For inclusion into the growing media, apply desired rate of material to the media and mix thoroughly until completely dispersed in the media. For top dress, sprinkle Valena™ on the top of the growing media around the base of the growing plant. Water growing media to hydrate Valena™ and feed the plant.

***NOTE: Valena™ is not water soluble, do not include Valena in an irrigation system.**

*NOTE: Since plant varieties are numerous and may react differently, test the product on a small scale before making large-scale applications.

STORAGE

Store in original container only in a dry, cool place. Keep container closed when not in use.

STABILITY

Shelf life is 24 months unopened under proper storage conditions.

The following values are averages of multiple lots and is intended to provide a representative indication of the various characteristics listed.

REPRESENTATIVE CHARACTERISTICS			
Total Carbohydrates	50%	Lithium	<1.0 ppm
Crude Protein	20%	Magnesium	0.16%
Organic matter	89.9 %	Manganese	<20 ppm
Ash	3.43 %	Mercury	<0.5 ppm
pH	8.0	Molybdenum	9.07 ppm
Aluminum	<5.0 ppm	Nickel	<1.0 ppm
Antimony	<5.0 ppm	Nitrogen Total	2.94%
Arsenic	<5.0 ppm	Organic nitrogen	2.93%
Barium	<0.5 ppm	Ammonium nitrogen	<0.01%
Beryllium	<0.2 ppm	Nitrate nitrogen	<0.01%
Bismuth	<0.5 ppm	Phosphate (P ₂ O ₅)	1.35%
Boron	<100 ppm	Potassium (K ₂ O)	0.42%
Cadmium	<0.5 ppm	Selenium	<10 ppm
Calcium	0.22%	Silicon	<0.1%
Carbon	43.8%	Silver	<1.0 ppm
Chloride	0.02%	Sodium	1.18%
Chromium	<1.0 ppm	Sulfur	0.44%
Cobalt	<1.0 ppm	Thallium	<5.0 ppm
Copper	7.37 ppm	Tin	<5.0 ppm
Iodine	2.47 ppm	Titanium	<0.5 ppm
Iron	137 ppm	Vanadium	<0.5 ppm
Lead	<5.0 ppm	Zinc	55.8 ppm

REPRESENTATIVE AMINO ACID CONTENT (Expressed as mg per 100 g)			
Alanine	1424	Lysine	1078
Arginine	1204	Methionine	393
Aspartic acid	1788	Phenylalanine	818
Cystine	196	Proline	1150
Glutamic Acid	2170	Serine	776
Glycine	969	Threonine	902
Histidine	428	Tryptophan	321
Isoleucine	770	Tyrosine	746
Leucine	1514	Valine	1242