



Adams Earth®

Biostimulant

Guaranteed Analysis

Boron (B)020%
Copper (Cu)050%
.050% Chelated Copper (Cu)	
Iron (Fe)100%
.100% Chelated Iron (Fe)	
Manganese (Mn)050%
.050% Chelated Manganese (Mn)	
Zinc (Zn)050%
.050% Chelated Zinc (Zn)	

Derived from
EDTA Chelated Micronutrients of Copper, Iron,
Manganese, Zinc, and complexed sugars of
Boron

Non-Plant Food Ingredients

Total Humic and Fulvic Acids.....	14.0%
4.1% Fulvic Acid	
8.2% Humic Acid	
1.2% Humin	
.5% Ulmic Acid	
L-Amino Acid Substrates*	44.5%
Soluble Kelp Extract	2.5%
Contains Auxin, Cytokinin and Gibberellin Hormones	
Plant Metabolites (Intermediate)**	16.5%
Carbohydrates.....	3.0%
Sarsaponins (Natural Wetting Agent)	1.0%

Derived from Leonardite, Humic Acid, North
Atlantic Ascophyllum Nodosum SeaWeed
Extract (SWE), Simple and Complex
Carbohydrates, Hydrolyzed Fish Emulsions,
Sarsaponins (Natural Wetting Agent), Colloidal
Mineral Extracts, Polyofermented Extracts of
Yeast, Fungi and Soil Bacteria.

- Weight per gallon: 8.80 lbs. (3.99 kg)
- pH: 7.0



AdamsEarth® is an organic blend of humic and amino acids, North Atlantic Ascophyllum Nodosum SeaWeed Extract (SWE), natural sugars, vitamins and other organic compounds. The organic nutrients in **AdamsEarth®** will aid in the improvement of soil structure, rooting, and the uptake of N-P-K and minor elements.

AdamsEarth® contains several different sources of organic matter which will break down at varying times during the growing cycle, providing a longer period to aid in microbial feeding.

AdamsEarth® is a unique combination of humic acid, biostimulants, and micronutrients. The humic acid will assist in chelating nutrients tied up in the soil. North Atlantic Ascophyllum Nodosum SeaWeed Extract (SWE) improves rooting caused by auxin, cytokinin, and gibberellin hormones. The micronutrients will aid in the correction of soil deficiencies that may be caused by imbalances due to low or high pH.

Benefits of **AdamsEarth®**:

- Improves rooting mass with top growth.
- Chelates nutrients tied up in soils, such as phosphates and iron.
- Increases microbial activity.
- Increases plant vigor and chlorophyll production.
- Improves heat and cold tolerance.
- Releases tied-up soil nutrients, allowing them to be plant available.

Use **AdamsEarth®** when one or more of the following occurs:

- Pre Stress Conditions
- High Stress
- High Salts
- Traffic and Wear
- High Disease Pressure
- Poor Rooting
- Insect Damage
- Drought Conditions
- Compaction and Poor Drainage
- Poor Soil Structure

*L-Amino Acid Substrates

L-Alanine	538 Mg/Lb
L-Arginine	546 Mg/Lb
L-Glycine	345 Mg/Lb
L-Hydroxyproline	285 Mg/Lb
L-Isoleucine	354 Mg/Lb
L-Leucine	558 Mg/Lb
L-Lysine	575 Mg/Lb
L-Methionine	103 Mg/Lb
L-Phenylalanine	300 Mg/Lb
L-Serine	338 Mg/Lb
L-Threonine	351 Mg/Lb
L-Tryptophan	73 Mg/Lb
L-Tyrosine	316 Mg/Lb
L-Valine	452 Mg/Lb

**Plant Metabolites (Intermediate)

Vitamins	
B-1	16 Mg/Lb
B-2	16 Mg/Lb
B-6	16 Mg/Lb
B-12	25 Mg/Lb
Biotin	100 Mg/Lb
Choline	160 Mg/Lb
Minerals	
Calcium	500 Mg/Lb
Phosphorus	216 Mg/Lb
Iodine	120 Mg/Lb
Magnesium	250 Mg/Lb
Potassium	350 Mg/Lb
Selenium	25 Mg/Lb

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Directions for Use:

Turfgrass:

- Greens, Tees and Fine Turf 2.0 - 6.0 oz. with 1.5 - 2 gallons of water per 1,000 sq. ft. (.07 - 2.0 gallons with 66 - 88 gallons of water per acre) every 7 - 14 days throughout the growing season
- Fairways, Roughs, Sports Turf and Lawns ... 0.7 - 1.0 Gallons with 44 - 88 gallons of water per Acre (2.0 - 3.0 oz. with 1.5 - 2 gallons water per 1,000 sq. ft.) every 2 weeks during stress periods
- Hydroseeding 1.0 - 2.0 gallons per acre
- Overseeding 1.0 gallon per acre before seeding, 1/2 gallon per acre at seeding with a starter fertilizer
- Sodding 1.0 gallon per acre before sodding, 1 gallon per acre after sodding

Trees and Ornamentals:

- Deep Root Injection 32.0 - 64.0 oz. per 100 gallon tank mix
- Diameter at Breast Height 2.0 oz. per caliper inch

Agricultural Use:

- Open Fields 1.0 - 2.0 gallons per acre.
- Bedding Plants 3.0 - 6.0 oz. per 1,000 sq. ft.
- Transplanting 24.0 oz. per 100 gallons of solution

Application Rates for AdamsEarth [®]											
Fluid Ounces/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 100 M ²	L/HA Litre/ Hect- are	Boron/ 1,000 sq. ft.	Copper/ 1,000 sq. ft.	Iron/ 1,000 sq. ft.	Manganese/ 1,000 sq. ft.	Zinc/ 1,000 sq. ft.	Humic & Fulvic Acid/ 1,000 sq. ft.	L-Amino Acids/ 1,000 sq. ft.	Carbohydrates/ 1,000 sq. ft.
2.0	0.7	64	6	0.0001	0.0001	0.0001	0.0001	0.0001	0.0190	0.0612	0.0041
3.0	1.0	95	10	0.0001	0.0001	0.0002	0.0001	0.0001	0.0289	0.0918	0.0062
4.0	1.4	127	13	0.0001	0.0001	0.0003	0.0001	0.0001	0.0385	0.1224	0.0083
6.0	2.0	191	20	0.0001	0.0002	0.0004	0.0002	0.0002	0.0577	0.1836	0.0124
9.0	3.1	286	30	0.0001	0.0003	0.0006	0.0003	0.0003	0.0866	0.2753	0.0186

Available Container Sizes:

- 2 x 2.5 gal (2 x 9.46 L) Case
- 275 gal (1040.99 L) Tote



Store above 40° F. Do not allow to freeze.

ADAMS

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