



**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, Polycofermented Extracts of  
Yeast, Fungi and Soil Bacteria.

■ Weight per gallon: 8.80 lbs. (3.99 kg)

■ pH: 7.0



# Adams Earth<sup>®</sup>

## Biostimulant

**AdamsEarth<sup>®</sup>** 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<sup>®</sup>** will aid in the improvement of soil structure, rooting, and the uptake of N-P-K and minor elements.

**AdamsEarth<sup>®</sup>** 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<sup>®</sup>** 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<sup>®</sup>**:

- 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<sup>®</sup>** when one or more of the following occurs:

- |                         |                                |
|-------------------------|--------------------------------|
| ■ Pre Stress Conditions | ■ Poor Rooting                 |
| ■ High Stress           | ■ Insect Damage                |
| ■ High Salts            | ■ Drought Conditions           |
| ■ Traffic and Wear      | ■ Compaction and Poor Drainage |
| ■ High Disease Pressure | ■ 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)**

<b>Vitamins</b>	
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
<b>Minerals</b>	
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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## Biostimulant

### 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 <sup>®</sup>											
Fluid Ounces/1,000 sq. ft.	Gallons/One Acre	ML/100 M <sup>2</sup>	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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