



Liquid Ag 12-3-9

Liquid Ag 12-3-9 is a natural organic based nutrient blend for all types of turf on a range of soils. It contains the optimum 4:1:3 balance of NPK found in plant tissue and essential micronutrients in complexed form. **Liquid Ag 12-3-9** contains 56% WIN (water insoluble nitrogen) primarily from feather meal and 44% nitrogen from urea. This mix provides an immediate turf response as well as sustained growth through the gradual mineralization of organic N. **Liquid Ag 12-3-9** contains humic acid, biostimulants and selected microbes to improve the release of organic nutrients. **Liquid Ag 12-3-9** produces long-lasting dark green color and a continuous growth response eliminating growth surges and declines.

Guaranteed Analysis

Total Nitrogen (N).....	12.00%
5.30% Urea Nitrogen	
6.70% Water Insoluble Nitrogen*	
Available Phosphate (P ₂ O ₅).....	3.00%
Soluble Potash (K ₂ O).....	13.00%
Chlorine (Cl).....	1.52%
Calcium (Ca).....	2.20%
Magnesium (Mg).....	0.50%
0.50% Water Soluble Magnesium	
Combined Sulfur (S).....	4.00%
Iron (Fe).....	1.00%
1.00% Water Soluble Iron	
Manganese (Mn).....	0.05%
0.05% Water Soluble Manganese	
Zinc (Zn).....	0.05%
0.05% Water Soluble Zinc	

Derived From

Feather Meal, Urea, Wheat, Soybean Meal, Bone, Meal, Molasses, Potassium Chloride, Potassium Sulfate, Magnesium Sulfate, Iron Sulfate, Manganese Sulfate, Zinc Sulfate.

*6.70% WIN from Wheat, Soybean Meal, Hydrolyzed Poultry Feather Meal

Physical Characteristics

50 lb. Bag (6 lb. N/bag); 70% high grade organic matter; pH 5.8; Greens Grade 12 mesh, Fairway Grade 6 mesh.

For 1 lb. N/1000 s.f.	Scott's R8A	Lesco	Hahn/Vicon
Greens Grade	N	K	4+1/2@ 5mps
Fairway Grade	P+2/3	N+1/2	5 @ 5mph

Application Instructions

For 1 lb. N/1000 sq. ft. apply 8.3 lb. product; 1 bag (50 lb.) covers 6000 sq. ft.; 7.25 bags (363 lbs.) covers 1 acre; 40 bags (1 ton) covers 5.5 acres.

PACKAGE AVAILABILITY

Liquid Ag 12-3-9 is available in:

50 lb. bags; 40 bags per pallet
both Green and Fairway Grades

Handling and Storage

Store between 40-95° F. Avoid direct heat or fire. Decomposition may occur at high temperatures (above 225° F.). Do not freeze!

Keep out of reach of children. Harmful if swallowed. Avoid inhalation, eye contact, or ingestion. Avoid prolonged or repeated contact with skin which may cause irritation. Wash thoroughly after handling. Corrosive.

CONDITIONS OF SALE

1. Douglass Fertilizer & Chemical, Inc. (DFC) warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use. No one other than the officer of DFC is authorized (and such authorization must be in writing) to make any other warranty, guarantee or direction concerning this product.

2. Because the time, place, rate of application, weather conditions and normal or abnormal conditions of use or storage are beyond DFC's control, DFC's liability is limited to replacement of product or refund of purchase price. In no event shall DFC be liable for indirect or consequential damages.



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