

Slow Release Nitrogen Label Exercises

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Labels are not always clear!

Varying definitions

Lots of information in one location

Asterisks

GUARANTEED ANALYSIS

<u> </u>	
Total Nitrogen (N)	10%
5.2% Ammoniacal Nitrogen	
2.2% Water Insoluble Nitrogen*	
1.3% Urea Nitrogen	
1.3% Other Water Soluble Nitrogen*	
Available Phosphate (P ₂ 0 ₅)	18 %
Soluble Potash (K ₂ 0)	18 %
Magnesium (Mg)	0.5%
0.5% Water Soluble Magnesium (Mg)	
Sulfur (S)	7.0%
7.0% Combined Sulfur (S)	
Iron (Fe)	0.5%
0.5% Water Soluble Iron (Fe)	
Manganese (Mn)	0.25%
0.25% Water Soluble Manganese (Mn)	
Derived From: Ammonium Phosphate, Ammonium Sulfate, Methylene Ureas, Urea,	Sulfate of
Potash, Sulfate of Potash Magnesia, Ferrous Sulfate, Manganese Sulfate.	
Chlorine (CI) not more than	2.0%
3.5% Slowly Available Nitrogen from Methylene Ureas.	

10% total N

3.5% SAN from methylene ureas

GUARANTEED ANALYSIS

Scotts® Turf Builder® Lawn Food	32-0-4	F 643
Total Nitrogen (N)		32%
4.9% ammoniacal nitrogen		
15.1% urea nitrogen		
11.0% other water soluble nitrog	jen*	
1.0% water insoluble nitrogen*		
Soluble Potash (K ₂ 0)		4%
Sulfur (S)		7%
7.0% combined sulfur (S)		
Iron (Fe)		2%
0.02% water soluble Iron (Fe)		
Derived from: methyleneureas, urea,	potassium sulfa	ate,
ammonium sulfate, iron sucrate.		
* Contains 9% slowly available nitrog		lendiurea,

32% total N

9% SAN from methylene ureas



46-00-00

GUARANTEED MINIMUM ANALYSIS

TOTAL NITROGEN (N): 47.00%46% from stabilized nitrogen

GENERAL INFORMATION

UFLEXX contains the urease inhibitor N-(n-butyl) thiophosphoric triamide (NBPT). NBPT is used with urea or urea based fertilizer formulations to retard the hydrolysis of urea which is catalyzed by the urease enzyme. The net beneficial effect of this application is to reduce the loss of ammonia by volatilization for up to fourteen (14) days when used in surface applications.

47% total N

46% Stabilized N

Guaranteed Analysis

Total Nitrogen (N)	32.00%
32.00% Urea Nitrogen*	
Soluble Potash (K ₂ O)	.10.00%
Sulfur (S)	
Iron (Fè)	
Derived From: Polymer Coated Urea, Urea, Sulfate of Fand Iron Oxysulfate.	Potash,
*29.00% Slowly Available Urea Nitrogen from Polymer Curea	coated

32% total N

29% Stabilized N

GUARANTEED ANALYSIS

Total Nitrogen (N)*	14.00%
8.50% Ammoniacal Nitrogen	
5.50% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)*	14.00%
Soluble Potash (K ₂ O)*	14.00%
Sulfur (S)*	4.00%
4.00% Combined Sulfur (S)	

DERIVED FROM: Polymer coated homogeneous ammonium nitrate, ammonium phosphate, potassium sulfate

^{*} The Nitrogen, phosphate and potash materials in this product have been coated to provide 14% coated slow release Nitrogen (N), 14% coated slow release available phosphate (P₂O₅), 14% coated slow release soluble potash (K₂O) and 4% coated slow release sulfur (S).

14% total N

14% Stabilized N

Questions?