

Fertilizer Retail Guide

Calculating % Slow Release Nitrogen



A product with 50% slow release nitrogen means that half of the nitrogen is available immediately and half will be slowly released over a period of time.

Some nitrogen sources are “quick release” and other sources are “slow release”.

Other names are interchangeably used, such as timed-released, controlled-release, slowly-available, or water-insoluble.

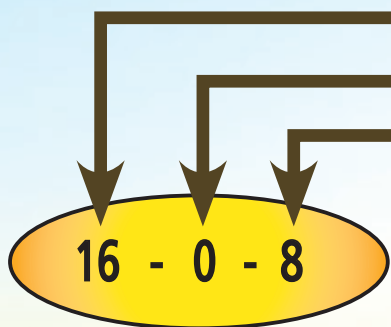
Fertilizer Labeling

A Complete Fertilizer Contains Nitrogen (N), Phosphorous (P) and Potassium (K). Understanding the label:

Example: a 40-lb. container of fertilizer is comprised of:

- Nitrogen (N)** 6.4 lbs.
- Phosphorous (P)** 0 lbs.
- Potassium (K)** (Potash) 3.2 lbs.

The remaining 30.4 lbs. are made up of other nutrients, conditioners and fillers.



Fertilizer

*All granular or solid fertilizer sold in Pinellas County **must be at least 50%** or half, slow-release nitrogen.

GUARANTEED ANALYSIS LABEL	
Total Nitrogen (N)	16.00%*
4.57% Ammoniacal Nitrogen	
11.43% Urea Nitrogen	
Available Phosphoric Acid (PsO5)	0.00%
Soluble Potash (K₂O)	8.000%
Chlorine (C), not more than	5.000%
SECONDARY PLANT NUTRIENTS:	
Total Magnesium (Mg)	1.000%
Soluble Magnesium (Mg)	1.000%
Total Manganese (Mn)	0.350%
Soluble Copper (Cu)	0.050%
Soluble Zinc (Zn)	0.070%
Total Iron (Fe)	0.030%
Boron (B)	0.030%
Molybdenum (Mo)	0.001%
Total Sulfur (S)	8.280%
Derived from: Ammonium Sulfate, Polymer Coated Sulphur	
Coated Urea, Muriate Potash, Manganese Oxide, Zinc	
Sulfate, Sodium Borate, Iron Oxide, Copper Sulfate, Sulfate	
Potash-Magnesia, Sodium Molybdate	
*contains 8 units slow release Nitrogen	

For more information:
 Pinellas County Division of Environmental Management
 (727) 464-4425
 watershed@pinellascounty.org

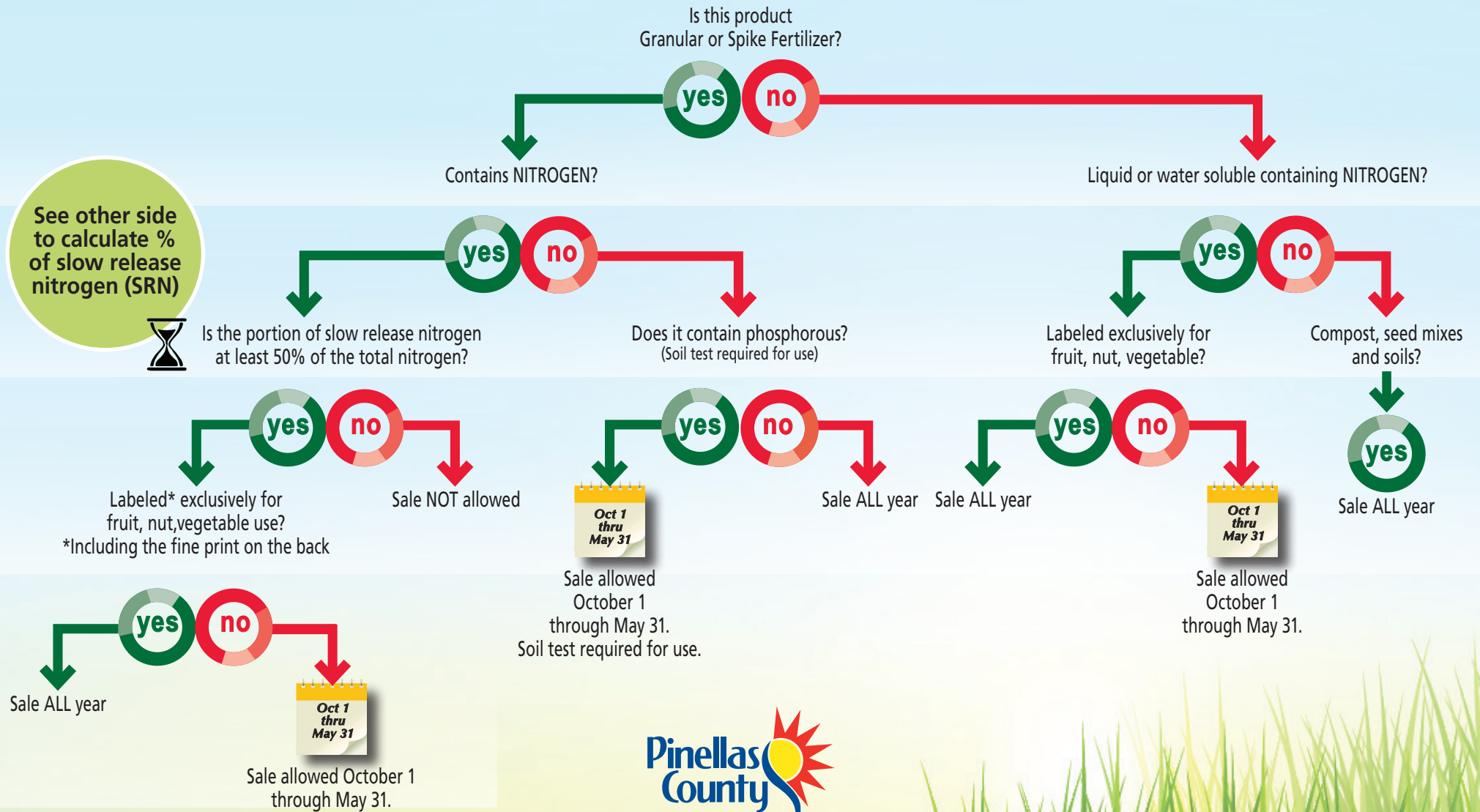


www.pinellascounty.org/fertilizer

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Determining Fertilizer Compliance

For more information and lists of compliant and non-compliant products visit www.pinellascounty.org/fertilizer or call (727) 464-4425.



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