

**USA Fertilizer Labelling Guide – Fertilizers and Specialty Fertilizers**

NR = Not Required  
SF = specialty fertilizer

AAPFCO Requirements General	Label Element	State Specifics
<p>Not misleading</p> <p>Grade (if N-P<sub>2</sub>O<sub>5</sub>-K<sub>2</sub>O present)</p> <p>Fertilizer/Micros (do not include 0 guarantees unless sub guarantees) w/w %, must be in order</p> <p>NR NR NR NR NR NR ≥60% water-insoluble/slow-release N NR &gt;15% (for all slow release claims)</p> <p>Min 1% Min 0.5% Min 1% NR NR Min 0.02% <small>Min 0.1% limit: ≤ 0.5% + (5% of K<sub>2</sub>O) when potash is claimed as non-chloride</small> Min 0.0005% Min 0.05% Only 1 required Only 1 required Min 0.1% Only 1 required Only 1 required Min 0.05% Only 1 required Only 1 required Min 0.0005% Min 0.001% Min 0.1% Min 0.05% Only 1 required Only 1 required</p> <p>Required source for all guaranteed nutrients, <b>AAPFCO Terms</b>, no brand/trade names</p> <p>Required if * in guarantee – <b>Allowed Forms</b></p> <p>Purpose statement not recommended</p> <p>Option 1 Fertilizer (non specialty)</p> <p>Option 2 (liquid) and all Specialty</p> <p>Option 2 (dry) and all Specialty</p> <p>Specialty Only NR</p>	<p align="center"><b>Label Element</b></p> <p align="center"><b>PRODUCT NAME</b></p> <p align="center"><b>0-0-0</b></p> <p align="center"><b>Guaranteed Analysis</b></p> <p>Nitrogen (N)* ..... X%  X% Ammoniacal Nitrogen  X% Nitrate Nitrogen  X% Other Water Soluble Nitrogen  X% Urea Nitrogen**  X% Water Insoluble Nitrogen  X% Organic Nitrogen  X% Slowly Available Water Soluble Nitrogen*</p> <p>Available Phosphate* (P<sub>2</sub>O<sub>5</sub>)..... X%  Soluble Potash (K<sub>2</sub>O) .....X%  Calcium (Ca).....X%  Magnesium (Mg).....X%  Sulfur (S).....X%  X% Free Sulfur (S)  X% Combined Sulfur (S)</p> <p>Boron (B).....X%  Chlorine (Cl).....X%  Cobalt (Co).....X%  Copper (Cu).....X%  X% Water Soluble Copper (Cu)  X% Chelated Copper (Cu)</p> <p>Iron (Fe).....X%  X% Water Soluble Iron (Fe)  X% Chelated Iron (Fe)</p> <p>Manganese (Mn).....X%  X% Water Soluble Manganese (Mn)  X% Chelated Manganese (Mn)</p> <p>Molybdenum (Mo).....X%  Nickel (Ni).....X%  Sodium (Na).....X%  Zinc (Zn).....X%  X% Water Soluble Zinc (Zn)  X% Chelated Zinc (Zn)</p> <p><b>Derived from:</b> _____,  Chelate ex) Zinc EDTA  Complex ex) Copper Amino Acid Complex</p> <p>*X% Slowly Available Nitrogen From _____  **X% Controlled Release Urea Nitrogen From _____  *The nitrogen and phosphate in this product have been coated to provide x% coated slow release nitrogen (N) and x% coated slow release available phosphate (P<sub>2</sub>O<sub>5</sub>).</p> <p><b>Purpose:</b></p> <p><b>Directions for Use:</b> Use in accordance with the recommendations of a qualified professional or institution, including but not limited to a certified crop advisor, agronomist, university crop extension publication, or according to recommendations in an approved nutrient management plan.  Apply X–X gallons per acre (X–X L/ha) depending on crop requirements and growing conditions. The product density is X.X lb/gal (X.X kg/L). Apply at ?????, to crops?? or as directed by a qualified agronomist or crop advisor.  Apply X–X pounds per acre (X–X kg/ha) depending on crop requirements and soil fertility levels. Distribute how?? apply according to recommended agronomic practices at ???time to ???crops.  Application timing and rate should be adjusted based on crop needs and guidance from a qualified agronomist or crop advisor.  Apply Only as Directed  In PA, NJ, MD, VA do not apply more than 0.9 lb N per 1,000 sq ft per application on Turf.</p>	<p>GA (&gt;1% = whole number), CA (grade commercial only), WA (fractional units for SF)</p> <p>NJ (breakdown required for Turf) CA, OR (nitrogen forms req.)</p> <p>MD (turf)</p> <p>MD (turf)</p> <p>WA – micro only (ecology questionnaire)</p> <p>Ni often rejected, WA (non-plant food)</p> <p><b>Multi Nutrient Terms</b></p> <p>CA (Specialty, pack Ag Min)</p> <p>WA (SF &lt;5% total – except animal/vegetable manure, req. specific directions for use)</p>
<p>NR Option 1</p> <p>NR Option 2</p> <p>NR Option 3</p>	<p>Information regarding the contents and levels of metals in this product is available on the Internet at: <a href="http://www.aapfco.org/metals.html">http://www.aapfco.org/metals.html</a></p> <p>Information regarding the contents and level of metals in this product is available by calling 1-315-789-5550.</p> <p>When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.</p>	<p>CA, OR, WA</p> <p>CA, OR, WA</p> <p>NR</p>

**Min Exemptions:** ready-to-use foliar fertilizers; ready-to-use specialty liquid fertilizers; hydroponic/continuous liquid feed products; pottng, garden, and lawn soil products.  
-----All Elemental Form-----

<p>Add if on Lists: Prohibited cattle material Prohibited proteins</p> <p>NR NR NR</p> <p>NR Boron Option 1</p> <p>NR Boron Option 2 (Rate based)</p> <p>NR Boron Option 3 (Crop based)</p> <p>NR Boron Option 4</p> <p>NR Molybdenum</p> <p>NR</p> <p>NR NR</p>	<p><b>CAUTION/WARNING/ATTENTION/NOTICE:</b> Do not eat. Do not feed to animals or apply to land used for grazing ruminant animals. Wash hands thoroughly with soap and water after handling and before eating or smoking.</p> <p>Keep out of Reach of Children. Read Label Before Use. Refer to the safety data sheet.</p> <p><b>CAUTION/WARNING/ATTENTION/NOTICE:</b> This fertilizer contains boron and should be used only on crops known to respond to boron. Excessive application or use on other crops may result in serious crop injury. <b>CAUTION/WARNING/ATTENTION/NOTICE:</b> Apply this fertilizer only at recommended rates on boron-responsive crops. Do not apply to other crops as boron may cause injury. <b>CAUTION/WARNING/ATTENTION/NOTICE:</b> This fertilizer contains boron and is intended for use on the following crops: _____. Use on other crops or excessive application may cause serious crop injury. <b>CAUTION/WARNING/ATTENTION/NOTICE:</b> Contains boron. Apply only to crops known to respond to boron. Excessive use may injure crops.</p> <p><b>CAUTION/WARNING/ATTENTION/NOTICE:</b> the application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.</p> <p>Do not apply if a heavy rain is expected. Do not apply near water, storm drains, or drainage ditches or to any impervious surface. Only apply to intended application area. Sweep any product that lands on an impervious surface back onto application area.</p> <p>FXXXXXX Do not exceed the rates recommended in the document entitled University of Florida, Institute of Food and Agricultural Sciences SL191 "Recommendations for N, P, K and Mg for Golf Course and Athletic Field Fertilization Based on Mehlich III Extractant", revised: December 2016. Use in accordance with the recommendations in "Best Management Practices for the Enhancement of Environmental Quality on Florida Golf Courses", published by the Golf Course Superintendents Association of America and Florida Department of Environmental Protection, dated September 2021.</p>	<p>CA, OR, WA &gt;0.1% B</p> <p>CA, OR, WA &gt;0.001% Mo (except indoor/hydroponic use)</p> <p>PA (lawn), NJ (lawn), MD (lawn), VA (lawn), MN (lawn)</p> <p>FL FL (Golf Courses)</p>
<p>Option 1 (dry) Option 2 (dry) Bulk Option Custom Option</p> <p>Option 1 (liquid) Option 2 (liquid) Bulk Option Custom Option Can be added (option 1) Can be added (option 2)</p> <p>NR</p> <p>NR</p> <p>Registrant or Licensee</p>	<p><b>Net Weight:</b> X g or kg or MT (oz or lbs or tons) <b>Net Weight:</b> X oz or lbs or tons (g or kg or MT) <b>Net Weight:</b> Bulk <b>Net Weight:</b> _____</p> <p><b>Net Weight:</b> X g or kg or MT (oz or lbs or tons) <b>Net Weight:</b> X g or kg or MT (oz or lbs or tons) <b>Net Weight:</b> Bulk <b>Net Weight:</b> _____</p> <p><b>Net Volume:</b> X mL or L (fl oz or pint or qt or gal) <b>Net Volume:</b> X fl oz or pint or qt or gal (mL or L)</p> <p><b>Density:</b> X lbs/gal at 98F</p> <p><b>Lot/Batch:</b> _____</p> <p><b>Guaranteed by/Distributed by/Manufactured By:</b> Company Name # Street, Town, State, Postal Code, Country Contact Information (email, phone)</p>	<p>OR (lower 30% of label)</p> <p>OR (lower 30% of label)</p> <p>OR (accepts vol)</p> <p>CA (bulk), OR (bulk)</p>

**Definitions**

Specialty Fertilizer = non farm use (turf, garden, indoor)

This document is a work in progress and doesn't capture all fertilizer and specialty fertilizer product requirements for all states.