

# ERUPT™ 3-0-20

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A NITROGEN AND POTASSIUM FERTILIZER SOLUTION FOR APPLICATION TO AGRONOMIC CROPS

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	3.0%
0.84% Urea Nitrogen	
2.16% Other Water Soluble Nitrogen*	
Soluble Potash (K <sub>2</sub> O) .....	20.0%
Sulfur (S) .....	13.0%
13% Combined Sulfur (S)	
Boron (B) .....	0.10%
Manganese (Mn) .....	0.20%
0.20% Chelated Manganese (Mn)	
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

**Derived from:** Urea, urea-triazone, potassium thiosulfate, disodium octaborate, manganese EDTA, zinc EDTA

\*2.16% Slowly Available Nitrogen from Urea-Triazone

9.2 pH

1.408 specific gravity

**F2278**

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

### PRECAUTIONARY STATEMENTS

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.

### HAZARD STATEMENTS

May be harmful if swallowed. May be harmful in contact with skin.  
Causes mild skin irritation.  
May be harmful if inhaled  
Causes eye irritation.

### Prevention:

Wash hands, face and other affected areas thoroughly after handling.

### Response:

Call a **POISON CONTROL CENTER** or doctor/physician if you feel unwell.

If **INHALED**: Call a **POISON CONTROL CENTER**/doctor if you feel unwell.

If **skin irritation occurs**: Get medical advice/attention

If **IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If **eye irritation persists**: Get medical advice/attention.

**WARNING:** This product contains boron and should be used only as recommended. The use of this product on any crops other than those recommended may result in serious injury to the crop(s).



**NET CONTENTS: 2.5 Gal (9.46 L)**  
**NET WEIGHT: 29.3 lb (13.3 kg)**  
**DENSITY: 11.74 lb/gal @ 68 °F**



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## HANDLING AND STORAGE:

Minimize skin exposure. Store mini-bulks and smaller containers out of the sun in an area of moderate temperature. **DO NOT** reuse containers. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. **DO NOT** store at temperatures below 15 °F as crystallization may occur. *ERUPT 3-0-20* may be stored in plastic, fibreglass or stainless steel vessels. Dispose of containers in accordance with local regulations and requirements.

**IN CASE OF SPILL:** Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

## PRODUCT INFORMATION

*ERUPT 3-0-20* may be applied by drip, sprinkler, or flood irrigation. It may be blended with other fertilizers or applied as a foliar treatment on selected crops. When used as a foliar fertilizer, *ERUPT 3-0-20* should first be diluted with water before applying. Blends of *ERUPT 3-0-20* should not be acidified below a pH of 6.0. *ERUPT 3-0-20* is compatible with urea solutions in any ratio. When blending with micronutrients and pesticides, trial blends should be conducted before beginning large scale mixing.

When mixing other liquid fertilizers and/or Pesticides with *ERUPT 3-0-20*, the blend sequence should be as follows: water, pesticide, *ERUPT 3-0-20* and/or other fertilizer.

**PHYTOXICITY:** Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. The user assumes all risks of use and handling. Before handling this product, consult the Material Safety Data Sheet for handling, safety and firstaid information.

**PRODUCT APPLICATION AND USE DIRECTIONS:** *ERUPT 3-0-20* may be applied to a wide variety of agricultural crops. Potassium requirements for most crops increase dramatically during periods of rapid growth and fruit development. Application of *ERUPT 3-0-20* should be made based on soil and/or plant tissue analysis for potassium.

For fertilizer application rates suitable for your geographical area or the maximum allowable non-nutrient application rates per acre, consult a trained soil specialist.

**FOLIAR FERTILIZER APPLICATION:** Application rates are only for the crops listed below. For recommendations regarding crops not listed, contact your local fluid fertilizer dealer or your ALTITUDE CROP INNOVATIONS representative. *ERUPT 3-0-20* may be applied by ground or air.

**Air application:** apply 2 to 5 quarts of *ERUPT 3-0-20* per acre in 3 to 10 gallons of water spray solution.

**Ground application:** apply 2 to 6 quarts of *ERUPT 3-0-20* per acre.

**Canola:** 5 to 7 gallons bud to bolting stage.

**Cotton:** 1 1/2 to 2 gallons, early bloom and repeat at 7 to 10 day intervals for up to 4 applications.

**Cucumber:** 1/2 to 2 gallons, flower initiation, repeat on 10 to 14 day intervals.

**Dry Beans:** 1/2 to 1 gallon, early bloom.

**Potatoes:** 2 to 3 gallons, tuber initiation, apply second application in 2 to 3 weeks and third application at tuber hulking.

**Rice:** 1-1/2 to 2 gallons, panicle initiation.

**Small Grains:** Apply 1/2 to 1 gallon per acre beginning at tillering to flag leaf stage.

**Soybeans:** 1-1/2 to 2 gallons, early pod development.

**Sugar Beet:** 1-1/2 to 2 gallons, early to row canopy closing.

**Alfalfa:** 4 to 6 quarts per acre/application in 3 to 10 gallons of water. Apply at crown green up or on regrowth after cutting.

**Peas and Lentils:** 2 to 4 quarts/acre/application in 3 to 10 gallons of water. Apply during late bud to 10% bloom.

**Tomatoes:** 2 to 4 quarts/acre/application in 3 to 10 gallons of water. Begin at fruit set, apply every 7 to 14 days.

**Apples, Apricots, Almonds, Citrus, Pecans:** Apply *ERUPT 3-0-20* at 2 to 6 quarts per acre in a minimum of 100 gallons of water spray solution. Begin application at first full leaf and apply as needed during the growing season. For concentrated sprays of less than 100 gallons per acre, reduce the rate of *ERUPT 3-0-20* to stay within the recommended solution ratio (i.e., 50 gallons of water per acre equal to 3 quarts of *ERUPT 3-0-20* per acre).

**Vines:** Begin 2 weeks after bloom. Apply 2 to 4 quarts of *ERUPT 3-0-20* per acre in a minimum of 50 gallons of water. Repeat treatment in 7 to 10 days.

**FERTIGATION - FLOOD AND FURROW IRRIGATION - Trees and Vines:** Apply 10 to 15 gallons of *ERUPT 3-0-20* per acre per application beginning at full leaf schedule as needed.

**Vegetable and Row Crops:** Apply 10 to 15 gallons of *ERUPT 3-0-20* per acre per application, make second application based on crop requirements.

**SPRINKLER IRRIGATION - Trees (Under):** Apply 5 to 15 gallons per acre per application every 10 to 14 days based on crop requirements.

**Trees (Overhead):** Apply 3 to 5 gallons per acre per application every 10 to 14 days based on crop requirements.

**Vines:** Apply 3 to 5 gallons per acre per application every 10 to 14 days based on crop requirements.

**Vegetable and Row Crops:** Beginning at the 3rd to 4th leaf stage, apply 3 to 10 gallons per acre per application every 10 to 14 days based on crop requirements. After injection, allow enough irrigation time to rinse the plants of any residual fertilizer.

**CENTER PIVOT - Vegetable and Row Crops:** Apply 3 to 5 gallons of *ERUPT 3-0-20* per acre per application as needed based on crop requirements.

**DRIP IRRIGATION - Young Trees and Vines:** 3 to 10 gallons per acre during the season when roots are actively growing.

**Mature Trees and Vines:** 5 to 15 gallons per acre per application 1 to 2 times during the season when roots are actively growing.

**Vegetable and Row Crops:** 3 to 5 gallons per acre per application 2 to 4 times during the growing season.

## Application Precautions

**DO NOT** apply *ERUPT 3-0-20* to foliage of crops sensitive (foliar burn) to sulfur.

**DO NOT** apply *ERUPT 3-0-20* with oil sprays.

Be sure to check other manufacturer's labels concerning oil treatment spray guidelines and foliar nutrient applications containing sulfur.

**DO NOT** apply to foliage of any crop when temperatures are above 90 °F. Apply *ERUPT 3-0-20* early morning or late evening.

When mixing *ERUPT 3-0-20* or any liquid fertilizer with pesticides always keep agitators running during filling and spraying operations. Failure to maintain agitation may cause separation of product resulting in uneven spray application.

**DO NOT** apply *ERUPT 3-0-20* with knife injectors or other types of fertilizer injecting equipment that may cause root pruning.

Sprinkler application of *ERUPT 3-0-20* and other liquid fertilizers over an established crop may cause foliar injury to a crop if: injection period is short enough to cause an excessive amount of fertilizer to accumulate on the leaves, temperatures are above 90 °F and humidity less than 30%, fertilizer rates are higher than recommended, irrigation pump breaks down during or immediately after injecting fertilizer, and/ or any combination of these conditions.

Crop injury may result from unusual weather conditions, failure to follow label directions, or improper application practices all of which are out of control of the manufacturer or seller. The directions on this label are believed to be reliable and should be followed carefully.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>

## WARRANTY AND LIMITATION OF DAMAGES

ALTITUDE CROP INNOVATIONS, LLC warrants only that this product conforms to the product description on the label and is reasonably fit for the purposes stated in the Directions For Use. The Directions For Use of this product are believed to be adequate and must be followed carefully. It is, however, impossible to eliminate all risks associated with this product. Crop injury, inefficacy, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner or use or application, all of which are beyond the control of ALTITUDE CROP INNOVATIONS, LLC. All such risks must be assumed by the buyer or user. Except as warranted on this label, ALTITUDE CROP INNOVATIONS, LLC makes no representation, warranty or guarantee, whether expressed or implied including, but not limited to, warranty of merchantability, fitness for a particular purpose, or otherwise. No agent or representative of ALTITUDE CROP INNOVATIONS, LLC or the seller of the product is authorized to amend the terms of this Warranty disclaimer or the product's label or to make a representation or recommendation different or inconsistent with the label of this product. To the extent consistent with applicable law, ALTITUDE CROP INNOVATIONS, LLC's maximum liability for breach of its warranty or for use of this product, regardless of the form of action, shall not exceed the purchase price of this product. To the extent permitted by applicable law, ALTITUDE CROP INNOVATIONS, LLC shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages. If the warranty and liability limitations or disclaimer are not acceptable, return the unopened container to the place of purchase for full refund. To the extent not inconsistent with applicable law or the label, the purchase, delivery, acceptance and use of this product by the buyer is subject to the terms and conditions of seller's sales invoice for this product. DC 61147961.2