



## SLOW-RELEASE FOLIAR FERTILIZER

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	20.00%
16.40% Urea Nitrogen	
3.60% Slowly Available Water Soluble Nitrogen*	
Soluble Potash (K <sub>2</sub> O) .....	6.00%
Sulfur(S) .....	3.00%
3.00% Combined Sulfur (S)	
Boron (B) .....	0.25%
Iron (Fe) .....	0.10%
0.10% Chelated Iron (Fe)	

**DERIVED FROM:** Urea, Urea-Triazone Solution, Potassium carbonate, Potassium thiosulfate, Iron EDTA and boric acid.  
 \* 3.60% Slowly available Nitrogen derived from urea triazone solution.

F3013

**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

Causes eye irritation.

### Prevention:

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

### Response:

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

**IF INHALED:** Call a POISON 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).

### PRODUCT TO BE USED IN SEASON PURCHASED.

Information about the components of this lot of fertilizer material may be obtained by writing to Innvictis Bioscience Plant Health Technologies, PO Box 9296, Boise, ID 83707 and giving the lot number found on the container.

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

**NET CONTENTS: 2.5 Gal (9.46 L)**  
**NET WEIGHT: 26.33 lb (11.94 kg)**  
**DENSITY: 10.53 lb/gal @ 68 °F**



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Distributed By: INNVICTIS® Bioscience Plant Health Technologies  
 PO Box 9296, Boise, ID 83707 | 855-466-8428



**PLANT NUTRIENT**



R0050125

## PRODUCT INFORMATION

**NOVUS K** is a clear liquid, deriving its slow-release properties from Urea-Triazone (estimated release pattern is 8 – 12 weeks). **NOVUS K** is recommended for Field crops, Vegetable crops, Fruit and Nut crops, Commercial Christmas trees, Ornamentals, and Nursery stock. **NOVUS K** is ideal for drip irrigation systems, ground and aerial applications. It is compatible with other NPK fertilizers, and can be tank mixed with most herbicides, insecticides, and fungicides. Avoid strong acids or contact with aluminum, mild steel and brass. Jar tests should be performed to confirm compatibility before mixing with other components. Foliar fertilization is intended as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.

**PRECAUTION:** It is best to apply this product in the early morning or late evening to avoid crop injury. As with the use of any agricultural, crop injury is always possible. Crop stress can be brought on by various environmental and/or agronomic factors, especially those associated with dry conditions and high temperatures. The user is responsible for all risks associated with use and handling. Normal vegetative and/or reproductive growth is not expected to be adversely affected in most situations when this product is used according to label directions.

## RECOMMENDED RATES

Rates and timing of applications are dependent on local conditions, and should always be made as a result of soil or plant tissue analysis. When used as directed, this product does not supply all the nutrients required by plants and is to supplement a soil fertility program based on soil tests. Please refer to your local dealer representative or extension agent for use guidelines. Ground or aerial systems may be utilized to deliver **NOVUS K**. Use sufficient water to ensure thorough coverage. Product may be applied either diluted or undiluted. Unless otherwise listed below, a general rate for most other crops would be 4 – 6 qts. per acre when sufficient foliage is present. Higher rates may be applied if done so first on a small test area to determine acceptability. Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

**Alfalfa(1):** Apply 4 – 6 qts. per acre after each cutting when sufficient foliage is present.

**Almonds:** Apply 6 – 10 qts. per acre at full leaf. Repeat at early nut expansion.

**Apples(1):** Apply 4 – 6 qts. per acre prior to fruit set or post-harvest.

**Asparagus(1):** Apply 6 – 10 qts. per acre at the beginning of mid-fem development and repeat at 14 – 21 day intervals.

**Beans (Dry):**

Single Application: Apply 10 qts. per acre at early pod formation.

Multiple Applications: Apply 4 – 6 qts. per acre at early full flower and repeat in 10 – 14 days.

**Beans (Green, Lima):** Apply 4 – 6 qts. per acre at early full flower and repeat in 7 – 10 days.

**Broccoli(1):** Apply 6 – 10 qts. per acre after thinning, then repeat 3 weeks before head formation. Repeat again in 7 – 10 days.

**Cabbage(1):** Apply 6 – 10 qts. per acre after thinning, then repeat at early head formation. Repeat again in 14 – 21 days.

**Caneberries:** Apply 4 – 6 qts. per acre prior to fruit set.

**Canola(1):** Apply 4 – 8 qts. per acre pre-bloom.

**Cantaloupes:** Apply 6 – 10 qts. per acre at early flowering and repeat in 7 – 10 days.

**Cauliflower(1):** Apply 6 – 10 qts. per acre after thinning or transplant, then repeat at early head set. Repeat again at 10 – 14 day intervals.

**Celery(1):** Apply 4 – 6 qts. per acre when plants are 8 – 12 inches tall and repeat at 10 – 14 day intervals.

**Cherries:** Apply 4 – 6 qts. per acre prior to fruit set.

**Christmas Trees (Commercial):** Apply 4 – 10 qts. per acre (2.94 – 7.35 oz. per 1,000 sq. ft.) when sufficient foliage is present.

**Citrus:** Apply 4 – 6 qts. per acre at early bloom and repeat after fruit set.

**Corn, Corn (Seed), Corn (Sweet):** Apply 1 – 3 gals. per acre foliarly at pre-tassel as a Nitrogen (N) supplement. Apply 1 – 2 gals. per acre foliarly with fungicides or insecticides.

**Cotton:**

Seedling Stage: Apply 3 – 4 qts. per acre when first true leaves appear.

After Seedling Stage: Apply 2 – 4 qts. per acre.

Boll Development: Apply 4 – 12 qts. per acre at early boll formation and repeat at 14 – 21 day intervals.

**Cranberries:** Apply 4 – 6 qts. per acre at hook stage and repeat after fruit set.

**Cucumbers:**

Single Application: Apply 10 – 16 qts. per acre at early fruit set.

Multiple Applications: Apply 4 – 6 qts. per acre at early flowering and repeat at 10 – 14 day intervals.

**Fibers:**

Single Application: Apply 10 – 16 qts. per acre at early nut filling.

Multiple Applications: Apply 4 – 6 qts. per acre at early leaf expansion and repeat at 14 – 21 day intervals.

**Flax:** Apply 6 – 10 qts. per acre at early boll development.

**Grain Sorghum:** Apply 4 – 6 qts. per acre after pollination.

**Grasses:** Apply 2 – 4 qts. per acre prior to fruit set.

**Grass (Seed Production):** Apply 10 – 16 qts. per acre at seed head elongation.

**Hops:** Apply 4 – 6 qts. per acre before cone development.

**Lentils:** Apply 4 – 6 qts. per acre at early flowering and repeat at 10 – 14 day intervals.

**Lettuce(1):** Apply 4 – 6 qts. per acre after thinning, then repeat at early head formation. Repeat again at 10 – 14 day intervals.

**Nectarines:** Apply 6 – 10 qts. per acre prior to fruit set.

**Nursery Stock:** Apply 4 – 10 qts. per acre (2.94 – 7.35 oz. per 1,000 sq. ft.) when sufficient foliage is present.

**PRECAUTION:** If applying this product undiluted to nursery stock, avoid possible leaf/tip burn by testing a small sampling of plants for at least one week prior to applying product to entire stock.

**Okra:** Apply 4 – 6 qts. per acre at bud stage and repeat at 10 – 14 day intervals.

**Olives:** Apply 4 – 6 qts. per acre at early fruit development and repeat as needed.

**Onions:** Apply 4 – 6 qts. per acre at mid-set development and repeat at 14 – 21 day intervals.

**Ornamentals:** Apply 4 – 10 qts. per acre (2.94 – 7.35 oz. per 1,000 sq. ft.) when sufficient foliage is present.

**PRECAUTION:** If applying this product undiluted to ornamentals, avoid possible leaf/tip burn by testing a small sampling of plants for at least one week prior to applying product to entire stock.

**Peaches:** Apply 6 – 10 qts. per acre prior to fruit set.

**Peanuts:**

Single Application: Apply 10 – 16 qts. per acre at early pod development.

Multiple Applications: Apply 4 – 6 qts. per acre at early bloom and repeat at 14 – 21 day intervals until pods are filled.

**Pears:** Apply 4 – 6 qts. per acre prior to fruit set or post-harvest.

**Peas:** Apply 4 – 6 qts. per acre at early flowering and repeat in 10 – 14 days.

**Pecans:** Apply 4 – 6 qts. per acre at full leaf and repeat at early nut expansion.

**Peppers:** Apply 4 – 6 qts. per acre at early fruit set and repeat in 10 – 14 days.

**Plums:** Apply 6 – 10 qts. per acre prior to fruit set.

**Potatoes:**

Single Application: Apply 10 – 16 qts. per acre at mid-tuber development.

Multiple Applications: Apply 4 – 6 qts. per acre at tuber initiation and repeat at 10 – 14 day intervals until maximum tuber development is reached.

**Rice:** Apply 6 – 10 qts. per acre at panicle emergence.

**Small Grains:** Apply 1 – 3 gals. per acre foliarly from spring greenup to early joint (Feekes 8) as a partial replacement of soil-applied Nitrogen (N). Apply 1 – 3 gals. per acre at or near final leaf stage as a Nitrogen (N) supplement.

**Soybeans:** Apply 1 – 3 gals. per acre at V6 – R4 stage as a Nitrogen (N) supplement.

**Spinach(1):** Apply 6 – 10 qts. per acre when sufficient foliage is present and repeat in 14 – 21 days.

**Squash:** Apply 6 – 10 qts. per acre at early fruit set and repeat at 10 – 14 day intervals.

**Strawberries:** Apply 2 – 3 qts. per acre at early flowering and repeat every 14 days. First fall application may be applied when the height of new growth is at least 3 inches.

**Sugar Beets:** Apply 10 qts. per acre at the 10 – 12 leaf stage and repeat at the 20 leaf stage.

**Sunflower(1):** Apply 4 – 6 qts. per acre when outer seeds start to fill and repeat in 10 – 14 days.

**Sweet Potatoes:** Apply 4 – 6 qts. per acre at tuber initiation and repeat in 10 – 14 days.

**Tomacco(1):** Apply 6 – 10 qts. per acre at plant bud stage to near maturity as needed to maintain growth and quality.

**Tomatoes (Process)(1):**

Single Application: Apply 10 qts. per acre 10 – 14 days after full bloom.

Multiple Applications: Apply 4 – 6 qts. per acre at full bloom. Repeat at 10 – 14 day intervals.

**Watermelons:** Apply 6 – 10 qts. per acre at early flowering and repeat 7 – 10 days later.

**(1) FOR USE IN WISCONSIN:** **NOVUS K** can be applied to these crops commonly grown in Wisconsin and requiring a medium to high level of Boron (B). Foliar fertilization with primary nutrients will not provide the quantities of nutrients required for normal plant growth. This product may cause foliar burn if applied in higher than recommended rates or concentrations. Use only as a supplement to a regular fertilization program. Foliar fertilization can be an effective remedy for diagnosed plant deficiencies of micronutrients, but may cause plant damage if applied at more than recommended rates or concentrations. Use of this product is recommended only as a supplement to a regular fertilization program and only on plants with confirmed micronutrient deficiencies.

## TANK MIXING AND BLENDING

Dilute with water and blend with other nutrients and pesticides only in the time of application and in the amounts required.

Fill the clean spray or mix tank half-way with water, begin agitation, add other materials in the following sequence (unless otherwise directed by their labeling):

1. Add 1/2 total water to the tank.
2. Turn on the recirculation line.
3. Add prescribed amount of **NOVUS K** to the tank.
4. Add any soluble powders.
5. Add liquid flowable materials.
6. Bring water to volume and recirculate before spraying.

## STORAGE AND DISPOSAL

**STORAGE:** Store at temperatures between 35 °F – 90 °F. Keep out of reach of children and animals in a cool, dry chemical storage area. Keep container tightly closed. **DO NOT** allow water to be introduced into the container contents.

**DISPOSAL:** Dispose of empty containers by triple rinsing with detergent solution or puncture and discard empty containers in a land-fill in accordance with current Local, State and Federal regulations. **DO NOT** contaminate water sources by cleaning of equipment or disposal of waste.

## WARRANTY AND LIMITATION OF DAMAGES

INVICITS BioScience Plant Health Technologies 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, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner or use of application, all of which are beyond the control of INVICITS BioScience Plant Health Technologies. All such risks must be assumed by the buyer or user. Except as warranted on this label, INVICITS BioScience Plant Health Technologies 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 INVICITS BioScience Plant Health Technologies 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, INVICITS BioScience Plant Health Technologies' 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, INVICITS BioScience Plant Health Technologies 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.