



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

95775-2

Date of Issuance:

1/26/2022

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

AGX21028

**Name and Address of Registrant (include ZIP Code):**

AgXplore International, LLC  
7035 State HWY D  
Parma, MO 63870

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention Division (7511P)  
Office of Pesticide Programs

Date:

1/26/2022

2. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 95775-2.”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 09/01/2021

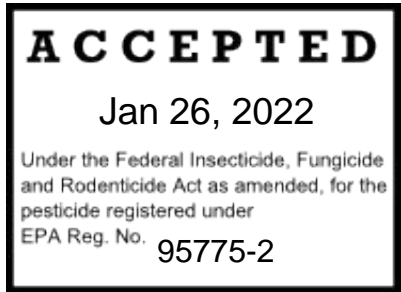
Any CSFs other than that listed above are superseded.

If you have any questions, please contact Cheryl Greene via email at [greene.cheryl@epa.gov](mailto:greene.cheryl@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is written in a cursive style.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs



# AGX21028

**A plant growth regulator for enhancing shoot and root growth, photosynthesis, abiotic stress resistance, mineral uptake, and production of listed crops**

<b>ACTIVE INGREDIENTS:</b>	<b>By Wt.</b>
Cytokinin (as kinetin): .....	0.12%
Gamma Aminobutyric Acid (GABA):.....	1.00%
Choline Chloride:.....	2.00%
<b>OTHER INGREDIENTS:.....</b>	<b>96.88%</b>
<b>TOTAL:</b>	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See (back) (side) panel for additional Precautionary Statements and Directions for Use

<b>First Aid</b>	
If in eyes:	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye</li> <li>Call a poison control center or doctor for treatment advice</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a>).</p> <p><b>For general product information, call AgXplore International, LLC at (573) 357-4506 between the hours of 8 a.m. – 5 p.m. Central Time.</b></p>	

EPA REG. NO. 95775-\_\_\_\_\_

EPA EST. NO. 90866-CA-001

Produced for:  
 AgXplore International, LLC  
 7035 State Hwy D  
 Parma, MO 63870  
 Tel: 573-357-4506  
 Email: [info@agxplyre.com](mailto:info@agxplyre.com)

Net Contents: \_\_\_\_\_  
 Batch No. \_\_\_\_\_

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

For Terrestrial Uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during applications. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.**

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is: coveralls, socks, shoes, chemical resistant gloves.

## PRODUCT INFORMATION

AGX21028 is a plant growth regulator for enhancing shoot and root growth, photosynthesis, abiotic stress resistance, and mineral uptake. AGX21028 is specifically designed to enhance fruit/grain growth on the crops listed below. It supports the development of reproductive tissues, pollination of flowers and retention of seeds and fruits. The fortified cytokinin in AGX21028 allows better management of yield and quality for production of labeled crops.

Always make a sample of AGX21028 and other products to determine tank mix compatibility prior to application.

Mix the specified amount of AGX21028 in water to create a 1% solution and apply with sufficient volume for uniform and thorough coverage of foliage and/or fruit. Due to reduced coverage with carrier rates of 5 gallons per acre or less, aerial application requires a minimum dose of 12.8 oz./acre (see footnote (3) below). Refer to the specific mixing rates in the table below.

**Generally Recommended Spray Volume (Gal/Acre)**

CROP/CROP GROUP	GROUND		AIR	
	Adequate Coverage	Best Coverage	Adequate Coverage	Best Coverage
Field Crops, Miscellaneous	10.0	20.0	2.0	5.0
Berry and Small Fruits, Vegetables, Vines	25.0	100.0	5.0	10.0
Pome Fruits, Stone Fruits, Tree Crops and Tree Nuts	50.0	100.0	10.0	20.0
Citrus	50.0	100.0	10.0	20.0

APPLICATION INSTRUCTIONS			
Crop/Crop Group	Application Timing	Rate/Acre	Ground Application
			Water Volume/Acre
Brassica Vegetables Group. [Crops such as Broccoli, Cauliflower, Cabbage, and Mustard greens]	1 <sup>st</sup> application: at pre-button stage	32.0 to 51.0 fl. oz. <sup>(3)</sup>	25.0 to 40.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Bulb Vegetables Group. [Crops such as garlic, leek, and onion]	1 <sup>st</sup> application: at 4-6 leaf stage	32.0 to 64.0 fl. oz.	25.0 to 50.0 gal.
	2 <sup>nd</sup> application: can be made after bulb bulking begins		
Cotton, acala, pima, and short staple varieties	1 <sup>st</sup> application: at first bloom	12.8 to 32.0 fl. oz. <sup>(3)</sup>	10.0 to 25.0 gal.
	2 <sup>nd</sup> application: 14-21 days later if needed. When combining with fungicides assure thorough coverage.		
Coffee	Apply at beginning of flowering; additional applications may be made at 30-day interval as needed	64.0 to 128.0 fl. oz.	50.0 to 100.0 gal.

Cucurbit Vegetables Group. [Crops such as Cucumber, Cantaloupe, Honeydew, Muskmelon, Summer squash, and Watermelon]	1 <sup>st</sup> application: at early fruiting stage	19.0 to 77.0 fl. oz. <sup>(3)</sup>	15.0 to 60.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Fruiting Vegetables Group. [Crops such as Tomato, Eggplant, and Pepper]	1 <sup>st</sup> application: at bloom	19.0 to 77.0 fl. oz. <sup>(3)</sup>	15.0 to 60.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Pome Fruits Group. [Crops such as Apple and Pear]	1 <sup>st</sup> application: post thinning unless diminished bloom creates a need to save fruit, then first application at bloom	64.0 to 128.0 fl. oz.	50.0 to 100.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Small Fruits Groups. [Crops such as Blackberry, Blueberry, Raspberry, and Strawberry]	1 <sup>st</sup> application: at bloom	32.0 to 96.0 fl. oz. <sup>(3)</sup>	25.0 to 75.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Stone Fruits Group. [Crops such as Cherry, Peach, Nectarine, Apricot, and Plum]	1 <sup>st</sup> application: post thinning unless diminished bloom creates a need to save fruit, then first application at bloom	64.0 to 128.0 fl. oz.	50.0 to 100.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Grapes including table, wine, and raisin varieties	1 <sup>st</sup> application: at early bloom	32.0 to 51.0 fl. oz. <sup>(3)</sup>	25.0 to 40.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application	64.0 to 128.0 fl. oz.	50.0 to 100.0 gal.
Herbs and Spice Group. [Crops such as Basil, Dill, Mustard, and Sage]	1 <sup>st</sup> application: during mid-season growth	32.0 to 51.6 fl. oz. <sup>(3)</sup>	25.0 to 40.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Hemp	1 <sup>st</sup> application: at early bloom	19.0 to 64.0 fl. oz. <sup>(3)</sup>	15.0 to 50.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Hops	1 <sup>st</sup> application: at inflorescence emergence	32.0 to 96.0 fl. oz.	25.0 to 75.0 gal.
	2 <sup>nd</sup> application: may be made 14-21 days later		
Leafy Vegetables Group. [Crops such as Celery, Head lettuce, Leaf lettuce, and Spinach]	1 <sup>st</sup> application: during mid-season growth	16.0 to 25.6 fl. oz. <sup>(3)</sup>	25.0 to 40.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		

Legume Vegetables Groups. (succulent and dried) [Crops such as Beans (all types), Peas, and Soybeans <sup>(1)(2)</sup> ]	Begin applications at 10% bloom	12.8 to 32.0 fl. oz. <sup>(3)</sup>	10.0 to 25.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application. When combining with fungicides assure thorough coverage.		
Non-grass Animal Feeds such as Alfalfa, Clover, Hay and Vetch	New seeding alfalfa, clover, hay and vetch: apply at 4-8 trifoliolate stage. For established crop, apply at 6–8 inches new growth or 10 to 14 days after each cutting.	12.8 to 32.0 fl. oz. <sup>(3)</sup>	10.0 to 25.0 gal.
Peanut including all commercial varieties	Apply at early flower stage	12.8 to 32.0 fl. oz. <sup>(3)</sup>	10.0 to 25.0 gal.
Oil Seed Crops Group. [Crops such as Canola <sup>(1)(2)</sup> , Flax, and Sunflower]	1 <sup>st</sup> application: at flower to full flower. When combining with fungicides assure thorough coverage.	12.8 to 32.0 fl. oz. <sup>(3)</sup>	10.0 to 25.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Corn <sup>(1)(2)</sup> (field pop, sweet)	Make 1 <sup>st</sup> application from just before tassel, up until full tassel. When combining with fungicides assure thorough coverage.	12.8 to 32.0 fl. oz. <sup>(3)</sup>	10.0 to 25.0 gal.
	2 <sup>nd</sup> application: may be made 14 days later		
Citrus Fruit Group. [Crops such as Grapefruit, Lemon, Lime, Sweet Orange, and Tangerine]	1 <sup>st</sup> application: at bloom	64.0 to 128.0 fl. oz.	50.0 to 100.0 gal.
	2 <sup>nd</sup> application: as needed, 21 days after first application		
Small Grains Group. [Crops such as Barley, Millet, Oat, Rice, Rye, Sorghum, and Wheat]	1 <sup>st</sup> application: at vegetative stage, before bloom until grain set	12.8 to 32.0 fl. oz. <sup>(3)</sup>	10.0 to 25.0 gal.
Root Vegetables Group. [Crops such as Carrot, Ginseng, Horseradish, Parsley (turnip-rooted) Radish, and Turnip]	Application at 4-6 leaf stage	19.0 to 32.0 fl. oz. <sup>(3)</sup>	15.0 to 25.0 gal.
Sugar beet	Application at 6-8 leaf stage for root size Apply at row closure to increase sugar production	19.0 to 32.0 fl. oz. <sup>(3)</sup>	15.0 to 25.0 gal.
Tree Nuts Group. [Crops such as Almond,	1 <sup>st</sup> application: at 10% to full bloom	64.0 to 128.0 fl. oz.	50.0 to 100.0 gal.

Pistachio, Walnut, and Pecan]	2 <sup>nd</sup> application: at small fruit set		
Tuber Vegetables Group. [Crops such as Potato, Sweet potato, and Yam]	1 <sup>st</sup> application: at tuber bulking stage or bloom	19.0 to 32.0 fl. oz. <sup>(3)</sup>	15.0 to 25.0 gal.

<sup>(1)</sup>This product can be tank mixed with glyphosate products registered for use on Roundup Ready® crops.

<sup>(2)</sup>This product can be tank mixed with products registered for use on LibertyLink® crops.

<sup>(3)</sup>Carrier volumes with 10 gallons per acre or less require the use of 12.8 oz./acre minimum due to reduced coverage, which includes aerial applications.

### For Greenhouse Establishment or Production

Crop Group	Amount of AGX21028	Application Directions and Timing
Leafy Vegetables Group. [Crops such as Celery, Head and leaf lettuce, Kale, Spinach, and Herbs]	128.0 oz/100 gallons in 30 to 80 gallons per acre	<ul style="list-style-type: none"> <li>1<sup>st</sup> application: mid vegetative growth</li> <li>2<sup>nd</sup> application: can be made 21 to 30 days later</li> </ul>
Fruiting Vegetables Group. [Crops such as Eggplant, Pepper, and Tomato]	128.0 oz/100 gallons in 30 to 80 gallons per acre	<ul style="list-style-type: none"> <li>1<sup>st</sup> application: at bloom</li> <li>2<sup>nd</sup> application: can be made 21 to 30 days later</li> </ul>

## ORNAMENTALS

### Greenhouse and nursery grown ornamentals

Differences in responsiveness may vary from one cultivar to another or from one set of growing conditions to another. Unless previous experience dictates otherwise, prior to widespread use, test a small number of plants from each cultivar to verify desired efficacy.

APPLICATION INSTRUCTIONS			
AGX21028 is applied to foliage of ornamentals and leaves of bedding plants. Mixing instructions: dilute 12.8 fluid ounces of AGX21028 in 10 gallons (379 mL/10 gal) of water (1:100 dilution); for smaller quantities, mix 1.3 fluid ounces AGX21028 (2.6 Tbsp or 38 mL) per 1 gallon of water. Use sufficient volume of water to obtain uniform coverage. Thorough coverage is necessary for best results.			
Plant	Timing	AGX21028 Rate	Volume of Water
Foliage Plants: Aglaonema, Ajuga, Anthurium, Aphelandra, Caladium, Cissus, Dieffenbachia, Dracaena, Ficus, Fittonia, Gynura, Hoya, Maranta, Palms, Peperomia, Philodendron, Pilea, Pothos, Schefflera, Schlumbergera, Spathiphyllum, Syngonium, Tradescantia and similar foliage plants	1 <sup>st</sup> application: at the beginning of the season	1.3 oz.	1.0 gal.
	Subsequent applications: spray foliage 2-3 times throughout the year at even intervals	12.8 oz.	10.0 gal.



Bedding and Flowering Plants: Abutilon, Aglais, Alyssum, Calceolaria, Canna, Carnation, Champaca, Chrysanthemum Cineraria, Columbine, Coral Bells, Cyclamen, Dahlia, Delphinium, Dianthus, Foxglove, Fuchsia, Gardenia, Gazania, Geranium, Gladiolus, Gloxinia, Impatiens, Iris, Jasminum, Lily, Lupine, Marigold, Michelia, Monarda, Osmachus, Petunia, Poinsettia, Portulaca, Roses, Salvia, Scabiosa, Sedum, Sempervivum, Tulips, Vinca, Zinnia, and similar plants	Bedding Plants: 1 <sup>st</sup> application: at 3-5 leaf stage	1.3 oz.	1.0 gal.
	2 <sup>nd</sup> application: at 10 to 14 days prior to sale	5.2 oz.	4.0 gal.
	Established Plants: 1 <sup>st</sup> application: at 21 to 30 days after transplanting or in the Spring as re-growth begins 2 <sup>nd</sup> application: at flowering or minimum 21 days after first application	12.8 oz.	10.0 gal.
Woody Ornamentals: Arborvitae, Aucuba, Azalea, Boxwood, Carissa, Chinese magnolia, English Ivy, Holly, Juniper, Maple, Pine, Podocarpus, Rhododendron, Viburnum, and similar plants	1 <sup>st</sup> application: early in the season as new growth begins Subsequent applications: every 30 days as necessary	12.8 oz.	10.0 gal.
Garden Grown Tree Fruits: Apple, Asian pear, Apricot, Cherry, Fig, Guava, Grape, Jujube, Kumquat, Lemon, Litchi, Longara, Mango, Orange, Peach, Persimmon, Plum, Prunus, Starfruit and similar plants	1 <sup>st</sup> application: when fruit size is approximately 3-5 mm 2 <sup>nd</sup> application: 40 days prior to harvest	5.2 oz.	4.0 gal.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Keep containers tightly closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container.

Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **For chemical spill, leak, fire or exposure, call CHEMTREC at 1-800-424-9300.**

### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the Directions for Use when it is used in accordance

with such Directions; and that the Directions, and other statements on this label, are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT, INCONSEQUENTIAL, OR PUNITIVE DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

Roundup Ready ® is a registered trademark of the Monsanto Company  
LibertyLink ® is a registered trademark of Bayer CropScience