

59588-1

6/23/2008

Page 187

JUN 23 2008

Amy Plato Roberts
 TransAgra International, Inc.
 c/o Technology Sciences Group Inc.
 1150 18th Street, N.W., Suite 1000
 Washington, D.C. 20036

Subject: TransAgra International, Inc.'s Culbac® Green™
 EPA Reg. No. 59588-1
 Label Amendment to update label First Aid, Precautionary, and Storage and Disposal statements and other minor changes to the text of the label and CSF Amendment to update the information about active ingredient
 Application dated March 6, 2006
 Submission No.: S825798

Dear Ms. Roberts:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5) is acceptable provided that you:

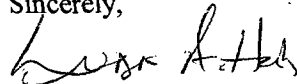
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions contact Ms. Linda Roberts at 703-308-0045 or by e-mail at Roberts.Linda@epa.gov

A stamped copy of the label is enclosed for your records.

Sincerely,



Linda A. Hollis, Chief
 Biochemical Pesticides Branch

Biopesticides and Pollution
 Prevention Division (7511P)

		CONCURRENCES					
SYMBOL	Enclosure: Stamped Label	7511P	7511P				
SURNAME		Roberts	Bioc. Lab.				
DATE		6/13/08	6/17/08				

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CULBAC® Green™

Plant Stimulant and Growth Enhancer

(Plant stimulant and growth enhancer for increased yields, improved crop quality, greater root mass development and improved seedling vigor.)

ACCEPTED

JUN 23 2008

Active Ingredient:

Cytokinin as Kinetin*0.0003%

Other Ingredients:.....99.9997%

Total:.....100.0000%

*1.0036 X 10⁻⁴ grams of kinetin per fluid ounce.

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 59588-1

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

(See Precautionary Statements on (back) (side) panel .)

EPA Registration No. 59588-1

EPA Establishment No. _____

Manufactured by: TransAgra International, Inc.
101 Hansen Road
Storm Lake, Iowa 50588 USA

Net Contents: (1 pint, 1 gallon, 5 gallons, 55 gallon drum, 250 gallon tote)

Code: _____

Lot #: _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS – WARNING - AVISO. Causes substantial, but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and handlers must wear:

- long-sleeved shirt and long pants
- chemical resistant gloves
- shoes plus socks
- protective eyewear

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

USER SAFETY RECOMMENDATIONS: Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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: 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 cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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 application.

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 intervals (REI). 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 24 hours.

PPE requirement 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

- chemical resistant gloves
- shoes plus socks
- protective eyewear

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

SHAKE WELL BEFORE USING!

Apply CULBAC® Green™ by either ground or aerial equipment, or through irrigation systems. Do not apply during the heat of the day, or under windy conditions. Mix CULBAC® Green™ with clean water containing a non-ionic or blended wetting agent using the following procedure:

1. Fill tank half full with water and begin agitation.
2. Add surfactant and recommended amount of CULBAC® Green™ and finish filling tank. Agitate during application.
3. After each application, equipment must be cleaned and flushed. Do not store CULBAC® Green™ in the sprayer.

Foliar Treatment

Ground Application: For each acre to be treated mix CULBAC® Green™ at the labeled rate per acre with 10-30 gallons of water, depending on foliage density.

Aerial Application: For each acre to be treated mix CULBAC® Green™ at the labeled rate per acre with 3-10 gallons of water, depending on foliage density.

Rates of CULBAC® Green™ prior to dilution per acre:

- Beans:** Apply 8 fluid ounces 14-21 days after emergence and again at first bloom.
- Cantaloupe:** Apply 8 fluid ounces at 4-8 leaf stage and again at early bloom.
- Corn:** Apply 8 fluid ounces when 12-24 inches high and again 14 days before tasseling.
- Cotton:** Apply 4 fluid ounces 14-21 days after emergence and 8 fluid ounces at pin square.
- Cucumber:** Apply 8 fluid ounces at 4-8 leaf stage and again at early bloom.
- Melons:** Apply 6 fluid ounces 28 days after emergence and 8 fluid ounces at first bloom.
- Onions:** Apply 6 fluid ounces when 6 inches high and at budding.
- Oranges:** Apply 10 fluid ounces at pre-bloom.
- Peanuts:** Apply 8 fluid ounces at pre-bloom.
- Potatoes:** Apply 8 fluid ounces when 4-6 inches high and again at first bloom.
- Rice:** Apply 8 fluid ounces at permanent flood and 14 days before booting.
- Strawberries:** Apply 6 fluid ounces 21 days after transplanting and 6 fluid ounces at flowering.
- Sugar Beets:** Apply 16 fluid ounces after thinning.
- Tomatoes & Peppers:** Apply 4 fluid ounces 2 weeks after transplant and 8 fluid ounces at first bloom.

Lawn Grass: Apply 0.5 ounces (15cc) mixed with 1 gallon (3.75 liters) of water (will treat 1000 square feet). Apply with a sprayer attached to a hose.

House Plants: Mix 5 drops with one quart of water and distribute evenly over soil surface. Apply whenever watering is necessary.

Root Dip / Transplant water solution: Use as a 1:500 dilution with a 30-second soak.

Conditions for Maximum Response: Best crop production comes from a combination of a well balanced nutritional and pest control program in conjunction with CULBAC® Green™ usage. CULBAC® Green™ is not considered a primary or secondary food source such as fertilizer and trace minerals. It is important to apply this product at the appropriate plant growth state.

Application of CULBAC® Green™ via Chemigation:

General Requirements -

- 1) Apply this product only through a sprinkler system including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set or hand move irrigation systems. Do not apply this product through any other type of irrigation system.
- 2) Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- 3) If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- 4) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- 5) A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Specific Requirements for Chemigation Systems Connected to Public Water Systems -

- 1) Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- 2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must contain a functional, normally dosed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Sprinkler Chemigation -

- 1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally dosed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Application Instructions -

- 1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.
- 2) CULBAC® Green™ is best applied at the finish of the water application.
- 3) Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool place well sealed from air. This product is not harmed by freezing.

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

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and for the several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat the procedure two more times. Then offer for recycling or dispose in a sanitary landfill, or incineration, if allowed by state and local authorities by burning.

WARRANTY

TransAgra International Inc. makes no warranty, expressed or implied, nor are its selling agents, dealers, or distributors authorized to do so on behalf of TransAgra International Inc., concerning the use of this product, its merchantability, or fitness for a particular purpose, other than indicated on the label. As applicable by state law, buyer assumes all the risks of use and/or handling of this material when such use and/or handling is contrary to label instructions. TransAgra International inc. shall not be liable for incidental or consequential damages.