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.)

Active Ingredients: Cytokinin as Kinetin .....................0.0003%
Inert Ingredients: ...........................................99.9997%
TOTAL ..................................................100.00%

1.0036 x 10⁴ grams of Kinetin per fluid ounce.

KEEP OUT OF REACH OF CHILDREN

WARNING

See Precautionary Statements on Back Panel

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.)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Store in a cool place well sealed from air. This product is not harmed by freezing. Wastes from this product, such as sprayer cleaning, may be disposed of on site or at an approved waste disposal facility.

Triple rinse container, then offer for recycling or reconditioning, 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.

Manufactured by:

TRANSAGRA INTERNATIONAL INC.
101 HANSEN ROAD, STORM LAKE, IOWA 50588 USA

Net Contents: 
Code: ________
Lot #: _________

EPA Reg. No. 059588-1
Rev. 11/02
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 application.

SEE ADDITIONAL APPLICATION INSTRUCTIONS ON ACCOMPANYING HANG-TAG

KEEP OUT OF REACH OF CHILDREN
WARNING/AVOID: 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.)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Causes substantial, but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequent repeated skin contact may cause an allergic reaction in some individuals. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):
Applicators and handlers must wear: Long-sleeved shirt and long pants, Waterproof gloves, Shoes plus socks, and Protective eyewear.

DISCARD clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse. Follow 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.
• Remove clothing immediately if pesticide gets inside. 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.

STATEMENTS OF PRACTICAL TREATMENT:
If in eyes: Hold eyelids open and flush with a gentle steady stream of water for 15 minutes. Get medical attention.
If on skin: Wash with plenty of soap and water. Get medical attention.
If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS:
Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

AGRICULTURAL USE REQUIREMENTS:
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. The 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) and restricted entry interval. The requirements in this box apply only 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. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

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, Waterproof gloves, Shoes plus socks, and 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. If early entry into the area is necessary prior to the spray drying, personal protective equipment (PPE) must be worn. PPE recommended for early entry to treated areas that involve contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Waterproof gloves, Shoes plus socks, and Protective eyewear.

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. 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.
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.

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 4-21 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.

Cucumber: Apply 4 fluid ounces at 4-8 leaf stage and again at early bloom.

Melons: Apply 6 fluid ounces 28 days after emergence and 6 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.

Peas: 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 transplanting 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 1:50 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 stage.

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 re-use 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 ¾ 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 forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate 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.

Manufactured by:

TransAgra International Inc.

101 Hansen Road, Storm Lake, Iowa 50588 USA

EPA Reg. No. 59588-1
EPA Est. No._______
Rev. 08/08

For increased yields, improved crop quality, greater root mass development and improved seedling vigor.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS—WARNING—AVISOS
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
toothbrush 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 high water 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 Protec-
tion Standard, 40 CFR Part 190. 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,
de-contamination, notification, and emergency assistance. It also contains specific
instructions and exceptions pertaining to the statements on this label about per-
sonal 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 irriga-
tion 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 wet-
ting 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.

APPLICATION OF CULBAC® GREEN™ VIA CHEMIGATION
1. Apply this product only through a sprinkler system including center pivot,
   lateral move, end tow, side (wheel) row, traveling, 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 con-
   nections 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 func-
   tional equivalent in the water supply line upstream from the point of pes-
   ticide introduction. As an option to the RPZ, the water from the pub-
   lic water system should be discharged into a reservoir tank prior to pes-
   ticide 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 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 closed,
   solenoid-operated valve located on the intake side of the injection pump and
   connected to the system interlock to prevent fluid being withdrawn from
   the supply tank when the irrigation system is either automatically or manu-
   ally shut down.
5. The system must contain functional interlocking controls to automati-
   cally shut off the pesticide injection pump when the water pump motor
   stops, or in cases where there is no water pump, when the water pres-
   sure 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 ma-
   terials 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 pre-
   vent 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 closed,
   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 manu-
   rally shut down.
4. The system must contain functional interlocking controls to automati-
   cally 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 ma-
   terials 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.