

PM90

59588-1

ACCEPTED
 MAR - 3 1997
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 59588-1

CULBAC® Green™

Plant Stimulant and Growth Enhancer

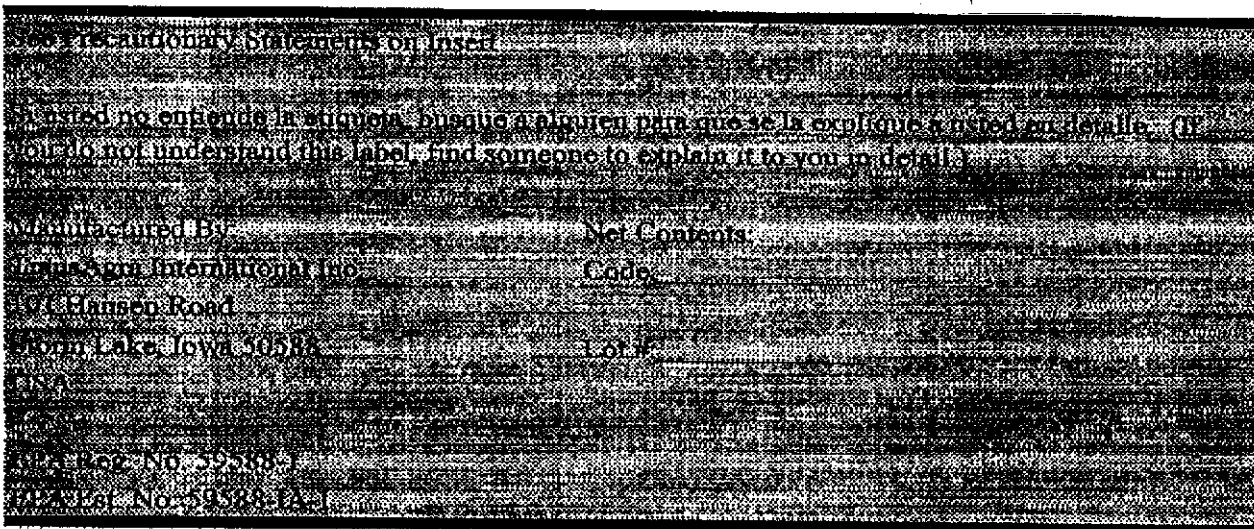
(Plant stimulant and growth enhancer for increased yields, improved crop quality, greater root mass development, and improved seedling vigor.)

Active Ingredients: Cytokinin as Kinetin.....0.0003%
 Inert Ingredients: 99.9997%
 Total.....100.00%
 1.0036 X 10⁻⁴ grams of Kinetin per fluid ounce

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS 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. 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.

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PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and handlers must wear:

Long-sleeved shirt and long pants

Waterproof gloves

Shoes plus socks

Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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. 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.

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.

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.

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

AGRICULTURAL USE REQUIREMENTS

This product must be used in accordance with its labeling and with the Worker Protection Standard (WPS) at 40 CFR part 170. This standard contains requirements to protect agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, protective clothing, and emergency assistance. It also contains specific information concerning protective equipment (PPE) and restricted entry intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow workers 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 mandated 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

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 or farms, forests, nurseries, or greenhouses.

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

Do not enter into the area if 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.

SHAKE WELL BEFORE USING!

CULBAC® Green™ can be applied by either ground or aerial equipment. It can also be applied 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.

During application, the product should be well agitated.

3. After each application, equipment must be cleaned and flushed. Do not store *CULBAC® Green™* in the sprayer.

Application of *CULBAC® Green™* via Chemigation:

Apply this product only through one of the following types of systems: Sprinkler (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service Specialists, equipment manufacturers or other experts. *CULBAC® Green™* is best applied at the finish of the water application. 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. 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 regarding application of this product via chemigation.

LABEL STATEMENT FOR CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

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.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventor (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. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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 manually shut down.

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 the pesticide distribution is adversely affected.

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.

Do not apply when the wind speed favors drift beyond the area intended for treatment.

LABEL STATEMENT FOR SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain

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appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid toward the injection pump.

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 from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. 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 the pesticide distribution is adversely affected.

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.

Do not apply when the wind speed favors drift beyond the area intended for treatment.

Foliar Treatment

Ground Application: For each acre to be treated mix *CULBAC® Green™* at recommended 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 recommended rate per acre with 3-10 gallons of water depending upon foliage density.

Recommended 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 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.

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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.

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 that 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.

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