



Plant growth stimulant for use on sod, turf, non-bearing trees, shrubs, flowering plants and ornamentals.

**Active Ingredients:**

Cytokinin (as kinetin) .....	0.010%
Indole Butyric Acid.....	0.005%
Gibberellic Acid (A <sub>3</sub> ).....	0.005%
<b>Other Ingredients:</b> .....	<u>99.980%</u>
<b>Total:</b> .....	100.000%

Contains 0.0008 lbs cytokinin/gallon  
Contains 0.0004 lbs indole butyric acid/gallon  
Contains 0.0004 lbs gibberellic acid/gallon

**KEEP OUT OF REACH OF CHILDREN**

EPA Reg. No. 62097-51-82917      EPA Est. No. 70815-GA-001      Net Contents: 1 gallon (3.78 liters)

**PRECAUTIONARY STATEMENTS**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below.

**Applicators and other handlers must wear:**

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

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

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product.

**ENGINEERING CONTROLS STATEMENT**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses: 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 apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or 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 application. For any requirement 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 the label about personal protective equipment (PPE) and restricted entry intervals. The requirements in this box only apply to uses of this product covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval level (REI) of 4 hours unless wearing appropriate PPE.

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
- Shoes plus socks

### 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 applied when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not enter or allow others to enter the treated areas until sprays have dried.

**CREST is a plant biostimulant which can improve the germination of seed, plant emergence in cool conditions, root growth, seedling development and plant growth/development throughout the growing season.**

### COMPATIBILITY

CREST can be tank mixed and applied with fertilizers to improve seed germination and early season growth. All possible combinations of fertilizers, pesticides, other biostimulants and/or other tank mix materials with CREST have not been tested. As such, perform a test mix of the materials to be used in the tank mix with CREST to evaluate compatibility of the mixture prior to preparing a larger amount for application in the field. Failure to do so could result in crop injury or lack of performance.

Conduct a compatibility test when you plan to mix CREST with other products. To determine the physical compatibility of CREST with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Follow the more restrictive labeling requirements of any tank mix partner. Do not tank mix with products whose label prohibits tank mixing. Treat a small test plot if new combinations of products are being used for the first time.

## **TANK MIXING INFORMATION**

CREST is soluble in water but can also be mixed directly into many liquid fertilizers. CREST can also be applied in tank mixes as foliar sprays. All possible combinations of fertilizers, pesticides and/or other agricultural tank mix partners have not been evaluated. Tests must be performed for compatibility and crop safety before applying mixes of materials with which the applicator does not have experience and prior to large scale use.

Testing has shown that CREST, when used as per label instructions, does not result in phytotoxicity. However, not all crop varieties and cultivars have been tested with possible tank-mix combinations. Since local conditions can influence crop tolerance, test any tank-mix combination on a small portion of the crop to be treated to ensure against phytotoxicity. Read and follow the applicable Directions For Use on all products involved in tank-mixing. Always refer to the most restrictive labeling.

**Tank mixes of CREST and fertilizers must be mixed thoroughly and applied within 1 day of mixing. Agitation must be maintained to assure proper dispersal of the CREST in the fertilizer.**

Apply CREST utilizing properly calibrated application equipment. Failure to do so could result in an improper application to the crop that could result in injury to the crop or lack of performance.

Clean spray equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying CREST.

This product cannot be used to formulate or reformulate any other pesticide product.

## **APPLICATION INSTRUCTIONS**

Good growing conditions are necessary for the maximum benefits from utilization of CREST. A well-balanced nutrient program is essential for maximum gain from the use of CREST. CREST, in any of its applications, is not intended to replace the fertilizer/nutrient component of a conventional fertility program.

Timing of foliar spray applications is very important. Always follow directions precisely. Foliar applications are not recommended if rainfall is forecast within 8 hours of applications. For best results, apply CREST in the early morning or late afternoon, especially when temperature exceeds 95°F (36°C).

## **NURSERY & GREENHOUSE USE APPLICATION RATES AND INSTRUCTIONS**

CREST can be used in watering programs or as foliar sprays to reduce apical dominance and to promote bud differentiation, cell division, root induction and growth.

**Propagation of Cuttings:** Dip cuttings in rooting hormone powder or solution and stick in rooting medium. Spray or mist cuttings with a solution of 1 fluid ounce CREST to 4 gallons of water (1 quart/100 gallons) at weekly intervals until root buds initiate. Then spray at 2-4 week intervals.

**Transplanting:** Add 1 fluid ounce CREST per 4 gallons of transplant solution (fertilizer-water). Use the necessary amount of solution to drench the root zone for that cropping situation. Then either apply a foliar spray or add through irrigation system at 2-4 week intervals at the rate of 1 quart per 100 gallons.

**Production:** To increase growth rate, improve quality and resilience of nursery and greenhouse crops, add 1 fluid ounce per 4 gallons (1 quart/128 gallons) of fertilizer or water solution and apply through the irrigation system or via foliar spray.

## SHRUBS, NON-BEARING ORNAMENTAL TREES, FLOWERING PLANTS AND ORNAMENTALS USE APPLICATION RATES AND APPLICATION INSTRUCTIONS

**Uses for Non Bearing Trees, Shrubs and Woody Ornamentals:** To aid in propagation of trees, fruits, berries, soft wood cuttings, shrubs and woody ornamentals and to reduce transplant shock, to promote growth and vigor and reduce stress in non-bearing fruit trees such as apple, peach; berry and vine crops such as cranberries; evergreen trees such as spruce, fir, pine; deciduous trees such as birch, elm, maple; flowering plants and shrubs such as poinsettia, rose, azalea, rhododendron, crepe myrtle; and for other flowering and non-flowering shrubs.

**New Cuttings:** Spray CREST at 1-2 pints per acre on the stems, branches, vines or canes to be propagated from 1 to 7 days before cutting. After planting, spray CREST at  $\frac{1}{2}$  pint to 1 pint or apply through the irrigation system at weekly intervals until the plants are established.

**Replant Areas:** Spray the plants before cutting. Then spray CREST weekly at  $\frac{1}{2}$  to 1 ounce per 1,500 square feet and irrigate in. Continue weekly to biweekly applications until the plants are established.

**Established Trees and Shrubs:** Spray 1 to 2 pints per acre, or a mixture of 1 oz. CREST to 4 gallons of water to thoroughly wet the foliage at any or all of the following growth stages.

1. Early spring to promote bud initiation;
2. At bud break;
3. At terminal calyx;
4. Early to mid-fall.

**For best results apply CREST with foliar nutrients, micronutrients, or secondary nutrient sprays such as calcium, iron, and zinc.**

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container only. Do not store in direct sunlight. Avoid freezing temperatures. After partial use, close the container tightly. Store in a secure place that is cool and dry. Use spray and stock solutions within 24 hours. Immediate use is required if another component is added to the spray solution.

**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 container (or equivalent) promptly after emptying. 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  $\frac{1}{4}$  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 or reconditioning, if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### **WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY**

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

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