

80518-1

04/12/2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511C)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

EPA Reg. Number:

80518-1

Date of Issuance:

4/12/05

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Rouse

Name and Address of Registrant (include ZIP Code):

CytoTek Enterprises, Inc.  
25414 Sugar Valley Lane  
Spring, TX 77373

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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his 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 this 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 registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

- 1. Change "EPA Reg. No. 80518-R" on the label to, "EPA Reg. No. 80518-1."

Signature of Approving Official:

(See second page for signature)

Date:

4/12/05

EPA Form 8570-6

CONCURRENCES

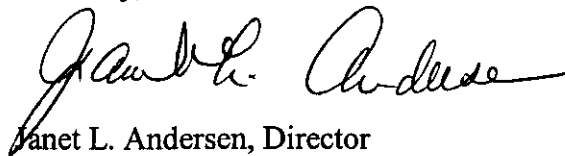
SYMBOL	7511C	7511C					
SURNAME	Greenway	Hollis					
DATE	4/11/05	4-11-05					

EPA Reg. No. 80518-R

2. Submit ~~three~~ (3) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.
3. Submit by August 15, 2005, results of the on-going storage stability and corrosion characteristics stability study for review by the Agency.

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

Sincerely,



Janet L. Andersen, Director  
Biopesticides and Pollution  
Prevention Division (7511C)

Enclosures (2)

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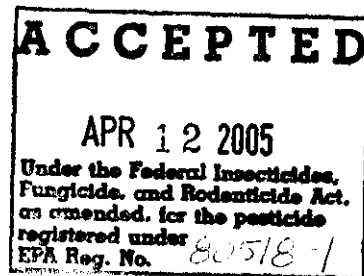
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# Rouse

A Plant Growth Regulator for Use on Apples and Non-Food Crops such as Ornamental Plants, Ornamental Trees and Shrubs, and Turf

**ACTIVE INGREDIENTS:**

6-Benzylaminopurine (6-BA).....	0.05%
Gibberellic Acid (GA <sub>3</sub> ).....	0.05%
Indole-3-Butyric Acid (IBA).....	0.09%
<b>OTHER INGREDIENTS:</b> .....	<b>99.81%</b>
<b>TOTAL:</b> .....	<b>100.00%</b>



**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 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>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

### 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.

### 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 disposing of equipment washwater or rinsate.

EPA Reg. No. 80518-R

EPA Est. No. 80518-TX-001

**Manufactured By:**

CytoTek Enterprises, Inc.  
25414 Sugar Valley Lane  
Spring, TX 77373

**Net Contents: 2.5 gallons**

**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. As soon as possible, wash thoroughly and change into clean clothing.

**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 requirements specific to your State or Tribe, consult the State/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), and restricted-entry interval. 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 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
- Chemical resistant gloves (made of any waterproof material)
- 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 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.

**GENERAL INFORMATION**

Rouse is a blend of bio-stimulants containing synthetic and naturally occurring plant growth regulators and plant hormones. The blend of 6-Benzylaminopurine, Gibberellic Acid, and Indole-3-Butyric Acid stimulates plant growth and development, enhances cell division, cell differentiation, cell enlargement, root growth, and nutrient utilization; these effects are expected to promote:

- Improved resistance to environmental stress
- Earlier maturity
- Increased yields in apples

- Increased fruit set in apples
- Improved crop quality in apples

Use Rouse on apples and non-food crops such as ornamental plants, ornamental trees and shrubs, and turf.

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## APPLICATION INSTRUCTIONS

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Do not apply this product through any type of irrigation system.

### **Rooting and Transplant Solution:**

Dip cuttings in a solution of 2 fluid ounces Rouse per 5 gallons of water before rooting. For use as a rooting medium, set cuttings in a solution of 2 fluid ounces Rouse per 5 gallons of water. For Transplanting -- dip roots in a solution of 2 fluid ounces Rouse per 10 gallons of water.

### **Foliar Spray:**

Rouse is most effective when used as part of a regular foliar nutritional spray program and can be applied with any standard fertilizer or crop protection spray system. For best results, apply the foliar spray mixture as a fine mist, with low fluid velocity until the foliage is wet. Common surfactants can be used.

For large areas where aircraft or power driven sprayers are used to apply the spray, follow the specific crop use rates below. Apply with sufficient water to get thorough foliage coverage, 3 to 10 gallons of water per acre for aircraft sprayers and 10 to 50 gallons of water per acre for ground driven spray equipment.

For small areas, such as nursery or container use, apply Rouse as a fine mist spray to container-grown plants at the rate of 2 fluid ounces per 10 gallons of water every 2 to 4 weeks. Mist leaves thoroughly but not to the point of excessive run off.

Except for use on apples, the rates and dosages for foliar applications of Rouse may be adjusted depending on the climatic region, soil type and fertility. Except for use on apples, for best results, increase the frequency of application; additional applications can be made as required. For use on apples, use only the application rate and frequency specified in the table below.

### **Compatibility Test for Tank Mix Components**

CytoTek Enterprises, Inc. does not assume responsibility for unexpected results when tank mixing with Rouse. Conduct a jar test before tank mixing to ensure compatibility of Rouse with other pesticides, or fertilizers if the tank mix combination has not been used previously. In addition, apply the mixture to a small area or small number of plants prior to large-scale treatments to ensure the mixture does not result in phytotoxicity.

To test for compatibility, in a small jar, mix a small amount (0.5 to 1 quart) of spray, combining all tank mix ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. These indications usually appear within 5 to 15 minutes after mixing and include observations such as development of a precipitate or surface oil or thick (clabbered) texture. Do not use any spray solution that could clog spray nozzles. Follow the most restrictive of all precautions and limitations on this label and labels of other pesticide products used in the tank mixture with Rouse.

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**APPLICATION RATES AND TIMING**

**FOOD CROP**

Crop	Application Timing	Rate (fl. oz. Rouse)
Apples	1. At green growth 2. Apply every 14 days after petal fall until harvest 3. Do not exceed 5 applications per season	4-8 per acre

**NON-FOOD CROPS**

**TURF:**

Rouse can be used in turf grass seed production, sod production, parks, golf courses, athletic fields and home lawns at a rate of 4-8 fluid ounces per acre. For sod production, parks, golf courses, athletic fields and home lawns, begin Rouse applications at the initial growth stage and continue throughout the season at 2 to 4 week intervals. Additional applications can be made after periods of heavy traffic use or high stress. Spray newly applied sod to help new root growth and root penetration of soil. A late season spray will help improve resistance to winter kill and frost damage. For seed production, apply 4-8 fluid ounces per acre just prior to spear formation.

**DECIDUOUS OR CONIFEROUS ORNAMENTAL TREES AND SHRUBS:**

Make the first Rouse application early in the season at the initiation of new growth, applying 4-8 fluid ounces per acre. Follow with two sprays of 4-8 fluid ounces per acre at 14 to 21 day intervals during the growing season. A late season spray will help improve resistance to winter kill and frost damage, although it should not be substituted for standard winter protection. A late season application will help Christmas trees retain their dark green color after cutting.

**FIELD ORNAMENTALS:**

Start the season by applying 4-8 fluid ounces per acre at the early leaf stage. Continue with regular applications of 4-8 fluid ounces per acre every 2 weeks.

**GREENHOUSE ORNAMENTALS:**

Apply to soil at transplant or start by spraying the foliage to run off point within 10 days of transplant or emergence at the rate of 4-8 fluid ounces per 100 gallons of water. Continue with regular applications of 4-8 fluid ounces per acre every 2 weeks.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store Rouse in its original container in a cool, dry, locked place out of the reach of children and out of direct sunlight.

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

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). 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.

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**CONDITIONS OF SALE**

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Seller warrants this product consists of the ingredients specified and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal use. No one other than an officer of CytoTek Enterprises, Inc. is authorized to make any warranty or guarantee of this product. Because the time, place, rate of application and environmental conditions of use are beyond the seller's control, to the extent permitted by law the seller's liability from handling, storage, and use of this product are limited to replacement of the product or a refund of the purchase price.