

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.

APPLICATION INSTRUCTIONS

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

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.

CONDITIONS OF SALES: 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