



Systemic fungicide for effective control of various plant diseases including black spot and scab in apples; root rot in avocados; bud rot and nut fall in coconuts; root rot in citrus and cucurbits; downy mildew in cucurbits, grapes, lettuce and onions; anthracnose in mango (suppression); root and heart rot in pineapples; late blight (suppression) in potatoes; root and collar rot in stone fruit; leather rot and *Phytophthora* spp. in strawberries; late blight in tomatoes; downy mildew, *Phytophthora* and *Pythium* spp. in ornamentals and bedding plants; root rot and pine pitch canker in conifers; damping off in turf; and sudden oak death in shade trees and ornamentals.

Active Ingredients:

Mono- and di-potassium salts of Phosphorous Acid* 45.8%

Other Ingredients 54.2%

Total 100.0%

*Contains 5.17 lbs/gallon of the active ingredients mono- and di-potassium salts of Phosphorous Acid.
Equivalent to 3.35 lbs Phosphorous Acid/gallon

Keep Out of Reach of Children CAUTION

See Booklet for First Aid, additional Precautionary Statements and complete Directions for Use
Batch No.:

EPA Reg. No. 83416-1-48234

EPA Est. 48234-GA-1

Date of Manufacture:

Made in the USA



Net Contents:

- 2.5 Gallons
- 30 Gallon
- ____ Gallons

Regal Chemical Company
600 Branch Drive
Alpharetta, GA 30004
www.RegalChem.com

First Aid	
If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency information on product usage call 785-542-2577, Monday through Friday, 9 am to 5 pm (Central time). For medical emergencies call the National Poison Control Center at 1-800-222-1222.</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist or vapors. Thoroughly wash with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment ("PPE").

Personal Protective Equipment (PPE)

Applicators, mixers, loaders and other handlers must wear:

- Protective eyewear
- Long pants and long-sleeved shirt
- Waterproof gloves
- Shoes plus socks

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

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.

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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 contaminate water when disposing of equipment wash water or rinseate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read entire label before using this product.

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 or tribal agency responsible for pesticide registration.

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, unless wearing the appropriate PPE.

PPE required for early entry to treated areas that are permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: coveralls worn over short-sleeved shirt and short pants; waterproof gloves; shoes plus socks; and protective eyewear.

Non-Agricultural Use Requirements

The requirements of 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.

Do not enter treated areas without protective clothing until sprays have dried.

Chemigation

Use of **resyst Systemic Fungicide** through chemigation is not permitted in California.

Apply this product only through center pivot, solid set or drip (trickle) 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, contact State Extension Service specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including green-house 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 a person under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Sprinkler and Drip (Trickle) Irrigation Systems:

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

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

Apply **resyst Systemic Fungicide** continuously for the duration of the water application. After treatment with **resyst Systemic Fungicide** has been completed, avoid further irrigation of the treated area until foliage is dry or for 24 to 48 hours.

Application Instructions

Apply **resyst Systemic Fungicide** (hereinafter "**resyst**") by various application methods, including foliar spray, soil drench, soil incorporation, basal bark application and bare root dip. For foliar sprays, apply **resyst** with sufficient water volumes for adequate coverage of foliage, according to crop and growth stage. To ensure good coverage, spray to wetness, but avoid runoff. When using **resyst** with Pentra-Bark® Bark Penetrating Surfactant (hereinafter "Pentra-Bark") adhere to both products' label directions. Use Pentra-Bark with only basal bark applications. Not for tree injection in New York State.

Mixing Instructions

1. Fill the spray tank with 1/4-1/2 of the volume of water required before adding **resyst**.
2. Slowly add **resyst** to the tank and agitate by mechanical or hydraulic means.
3. Continue agitating as tank fills with water to the desired volume.
4. Maintain agitation during application.

Compatibility

resyst is compatible with most products used in agriculture. However, individual crop sensitivity to these mixtures may vary. Mixtures of **resyst** with some foliar fertilizers and copper products are not always compatible and may be phytotoxic to some plants. If these combinations or others have not been previously used, do not tank mix without first testing the compatibility of the tank mix. Do not apply tank mixture without first assessing phytotoxicity. Tank mix **resyst** with fertilizers only if crop safety has been established and the **resyst** use rates are carefully followed.

Due to **resyst** acidic nature, do not use acidifying-type compatibility agents. Test spray adjuvants before use to confirm **resyst** compatibility. Use a jar test to test compatibility: In a clean jar using the same water source that is normally used to fill the spray tank, add the same proportions of each product and the appropriate quantity of water, then mix thoroughly. Let stand for 3 minutes. The mixture is compatible if it remains in solution or is readily remixed in the jar. Spray the solution that results from the compatibility test onto a few plants and inspect 3-7 days later for visual effects of phytotoxicity.

Commercial Applications

Conifers (Including Christmas Trees) in Commercial Nurseries, Forests and Plantations

Apply in conjunction with good agricultural management practices on conifers including, but not limited to, Douglas fir, pines and spruce. Use higher application rate when disease pressure is severe. To prevent plant injury, do not exceed application or frequency rates stated below. Do not apply to conifers that are moisture or heat stressed. Do not graze livestock in treated areas of conifer nurseries or plantations. Do not feed forage from treated plantation/nursery areas.

Disease	Application Method	Rate	Application Program
Root rot (<i>Phytophthora</i> spp.)	Foliar spray	1-2 qts. of resyst per 30-100 gals. of water OR 2-4 tsp. of resyst per gal. of water	Apply dilution to ensure thorough, uniform foliage and crop coverage. Repeat as required at 14-21 day intervals.
	Soil drench	1-2 qts. of resyst per 100 gals. of water OR 2-4 tsp. of resyst per gal. of water	Apply 1 gal. of solution per square yard of soil. Follow application with irrigation. Repeat as required at 14-21 day intervals.
	Bare root dip	1 qt. of resyst per 100 gals. of water OR 2 tsp. of resyst per gal. of water	Immediately before transplanting, dip transplants for 2 minutes; keep roots submerged and ensure root mass is thoroughly wet.
Pine pitch canker (<i>Fusarium subglutinans</i>)	Basal bark spray	1 gal. of resyst + 2 gals. of water + 4 fl. oz. of Pentra- Bark	Spray mixture around the entire trunk circumference until saturation/runoff. Spray from ground level up to 5 feet above the soil line.
	Injection (Not for tree injection in New York State)	20 ml per tree of a mixture containing: 1 gal. of resyst + 2 gals. of water	Drill holes in trunk 3/16 inch (5 mm) in diameter and 1-2 inches (25-50 mm) deep with a slight downward angle. Place syringe holes in the main tree trunk and space evenly around the trunk circumference. Suitable for use with Ag-murf® gun, ARBORjet devices Chemjet® tree injectors or hydraulic tree injection devices. Trees must be at least 10" diameter at breast height.

Hemp*

For hemp (only non-food uses) grown indoors or outdoors.

Disease	Application Method	Rate	Application Program
Downy mildew, <i>Phytophthora</i> spp., Powdery mildew and <i>Pythium</i> spp. (damping off)	Foliar spray	4-6 pts. of resyst in 30-100 gals. of water per acre	Apply dilution to ensure thorough, uniform foliage and crop coverage. Apply at the first onset of disease. Do not apply more than 6 times per crop cycle. Low Disease Pressure: Apply lower rate at 1-2 week intervals. High Disease Pressure: Apply higher rate at 7-10 day intervals.
	Recirculating hydroponic systems	1-2 qts. of resyst in 5,300 gal. of nutrient solution OR 1-2 L of resyst in 20,000 L of nutrient solution	Apply every 4-6 weeks in the summer and every 8 weeks in the fall. Modify the application time interval depending on crop load, water quality and disease pressure.

*Not for use in California

Forestry, Golf Course, Landscape, Nursery and Park Applications

Use on various shade trees such as, but not limited to, Ash, Aspen, Azalea, Bald Cypress, Beech, Birch, Black Gum, Black Locust, Buckeye, Catalpa, Cedar, Cherry (Stonefruits), Chestnut, Coffee Tree, Cork Tree, Crab Apple, Dogwood (All), Elder, Elm, Fir, Golden Raintree, Hawthorne, Hazelnut, Honey Locust, Juniper, Lilac, Linden, London Plane tree, Magnolia, Maples (All), Mock Orange, Monterey Pine, Oaks (All), Olives, Ornamental Pear, Pine, Plum, Pyracantha, Red Bud, Smoke Tree, Sumac, Sweet Birch, Sweet Gum, Sycamore, Tulip Tree, Viburnum, Walnut, White Cedar, White Pine, Willow, Witch Hazel, Zelkova and various conifers in the landscape.

Apply before disease development and in conjunction with good agricultural management practices. Use higher rate of application when disease pressure is severe. To prevent tree injury, do not exceed application or frequency rates as stated below. Do not apply to trees that are heat or moisture stressed. Do not apply to trees that are in a state of dormancy. Apply to only target plants.

Disease	Application Method	Rate	Application Program
<i>Phytophthora</i> spp., <i>Pythium</i> spp. and Sudden Oak Death (<i>Phytophthora ramorum</i>)	Injection (Not for tree injection in New York State)	11 fl. oz. of resyst per 21 fl. oz. of water	Using a slow drill, drill holes in trunk 3/16 inch (5 mm) in diameter into live sapwood (hole depth is dependent upon age of tree) with slight downward angle. Space injector holes evenly around the trunk circumference. Do not inject into areas of obvious decay, canker or mechanical injury that appear on the tree trunk. Calculate the amount of product required by measuring the tree using one of the following 3 methods and use the highest calculated number of injections: <ol style="list-style-type: none"> 1) 1 injection per square yard of canopy; 2) 1 injection per yard of canopy diameter measured at the drip-line; 3) 1 injection per 6 inches of trunk circumference measured 4 feet above soil level. Use injection applicators that maintain positive pressure differential such as Ag-murf® gun, ARBORjet devices, ChemJet®, Marley® Injector, Sidewinder®, Smart Shot® injector or other hydraulic injector type equipment that forces solution into the tree sapwood.
	Basal bark spray	62.4 fl. oz. of resyst + 62.4 fl. oz. of water + 3 fl. oz. of Pentra-Bark	For best results apply in spring and fall. Best for thin bark trees such as dogwoods, lindens, maples and sycamores. Spray mixture around the complete trunk circumference until saturation/runoff. Spray from ground level up to 5 feet above the soil line, including the base of the first scaffolding limbs, if present.

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Forestry, Golf Course, Landscape, Nursery and Park Applications (cont.)

Disease	Application Method	Rate	Application Program
<i>Phytophthora</i> spp.*	Foliar spray	4-6 pts. of resyst per 100 gals. of water	Spray to the point of runoff and ensure thorough coverage.
Pine pitch canker (<i>Fusarium subglutinans</i>)	Basal bark spray	1 gal. of resyst + 2 gals. of water + 4 fl. oz. of Pentra-Bark	Pines: Apply uniformly to trunk circumference any-time active growth is observed. Spray from top down to ground level from either first branch or from as high (5-6 feet) as possible without exposing applicator to drift. Spray to saturation/runoff. Apply with hydraulic sprayers, handheld pump-type sprayers, backpack sprayers, etc.
Pine pitch canker (<i>Fusarium subglutinans</i>) and Sycamore Anthracnose (<i>Gnomonia platani</i>)	Injection (Not for tree injection in New York State)	20 ml per tree of a mixture containing: 1 gal. of resyst + 2 gals. of water	Using a slow drill, drill holes in trunk 3/16 inch (5 mm) in diameter and 1-2 inches (25-50 mm) deep with slight downward angle in the main tree trunk. Space injector holes evenly around the trunk circumference. Suitable for use with Ag-murf® gun, ARBORjet devices, Chemjet® tree injectors, Smart Shot injector or other positive pressure hydraulic tree injector equipment. Trees must be at least 10" diameter at breast height.
Apple black spot/scab (<i>Venturia inaequalis</i>) and suppression of Anthracnose	Basal bark spray	62.4 fl. oz. of resyst + 62.4 fl. oz. of water + 3 fl. oz. of Pentra-Bark	Apply in early spring at bud swell or silver tip stage of growth. Spray mixture around the entire trunk circumference until saturation/runoff. Spray from ground level up to 5 feet above the soil line, including the base of the first scaffolding limbs, if present. Treatment generally lasts 8-12 weeks depending on pathogen levels. Higher disease pressure will shorten the length of control. Various types of application equipment can be used such as hydraulic sprayers, handheld pump-type sprayers, backpack sprayers, hose-end applicators with backflow prevention devices and other similar application devices. For severe infestation of Anthracnose in large trees, apply in fall (at leaf senescence) and spring (bud swell to green tip).
Various tree cankers		48 fl. oz. of resyst with 62.4 fl. oz. of water and 1 fl. oz. of Pentra-Bark	For severe canker infestations, apply at green tip or early spring (spring bud break) and repeat in fall prior to leaf senescence.

*Not for use in California

(continued)

Forestry, Golf Course, Landscape, Nursery and Park Applications (cont.)

Disease	Application Method	Rate	Application Program
Fire blight	Foliar spray	1 1/2-2 qts. of resyst in 30-100 gals. of water	Apply dilution to ensure thorough, uniform foliage and crop coverage. First application at pre-bloom (bud swell or silver tip stage). Apply at 7 day intervals until end of bloom period.
	Basal bark spray	50:50 solution of resyst and water + 1% of Pentra-Bark	Apply at bud swell.
Suppression of Anthracnose	Foliar spray	2 qts. of resyst in 30-100 gals. of water per acre	Apply dilution to ensure thorough, uniform foliage and crop coverage. Apply at pre-bloom (bud swell or green tip stage) with a supplemental application 14 days later with resyst or another fungicide effective against Anthracnose.
	Basal bark spray	62.4 fl. oz. of resyst + 62.4 fl. oz. of water + 1 1/2-3 fl. oz. of Pentra-Bark	Apply in early spring at bud swell until green tip stage of growth. Spray mixture around the entire trunk circumference until saturation/runoff. Spray from ground level up to 5 feet above the soil line, including the base of the first scaffolding limbs, if present. For trees larger than 18 inches DBH (Diameter at Breast Height, 4.5 feet above ground) that have been previously attacked by Anthracnose, apply in fall prior to leaf senescence and again in spring for best results. For trees less than 18 inches DBH, apply in early spring.
Suppression of Verticillium wilt	Foliar spray	2 qts. of resyst in 30-100 gals. of water per acre	Apply dilution to ensure thorough, uniform foliage and crop coverage. For trees previously identified with infections, apply first application pre-bloom. Repeat applications at 21-30 day intervals.
Suppression of Verticillium wilt and Armillaria	Basal bark spray	1 1/2-2 qts. of resyst + 2 qts. of water + 2 fl. oz. of Pentra-Bark	Spray mixture around the entire trunk circumference until saturation/runoff. Spray from ground level up to 5 feet above the soil line, including the base of the first scaffolding limbs, if present. For trees larger than 24 inches DBH (Diameter at Breast Height, 4.5 feet above ground) that have been previously attacked by Verticillium wilt, apply in fall prior to leaf senescence and again in spring for best results. For trees less than 24 inches DBH, apply in early spring.

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Forestry, Golf Course, Landscape, Nursery and Park Applications (cont.)

Disease	Application Method	Rate	Application Program
Needle cast	Foliar spray	2-2 1/2 qts. of resyst per 30-100 gals. of water per acre	Apply dilution to ensure thorough, uniform foliage and crop coverage. Treat when symptoms first appear. Spray to runoff. Repeat application 30 days later.
Black walnut and English walnut: Thousand Cankers Disease (<i>Geosmithia morbida</i>)		2-2 1/2 qts. of resyst in 50 gals. of water per acre or a 1% solution	Start spray program in spring and treat every 60 days in combination with an insecticide program to control Walnut Twig Beetle, <i>Pityphthorus juglandis</i> , during times of insect flight. Spray to runoff.
	Basal bark spray	32 fl. oz. of resyst + 48 fl. oz. of water + 2 fl. oz. of Pentra-Bark per 18 DBH inches of tree circumference	Spray mixture, to saturation/runoff, on trunk circumference from ground level up 6 feet or to first scaffolding limbs, if present. Treat in spring at leaf out and fall prior to leaf senesce. Use in combination with an insecticide program to control Walnut Twig Beetle.
<i>Phytophthora</i> spp.* and <i>Pythium</i> spp.*; and Suppression of Fire blight*, Anthracnose*, Oak blight*, Oak wilt*, Apple scab*, and Stem* and twig blights*	Soil injection or drench	0.5% solution in water	Uniformly drench soil or inject solution into the soil around the base of the plant using 1 gallon of solution per diameter inch of landscape plant measured 6 inches above ground. For trees, uniformly drench soil or inject solution into the soil at the rate of 1 gallon of solution per diameter inch of tree trunk measured at DBH (4.5 feet from ground level).

*Not for use in California

Grass Grown for Seed Production

Use on turf grasses such as, but not limited to, bent, Bermuda, blue, buffalo, fescue, poa annua, rye and zoysia.

Disease	Application Method	Rate	Application Program
Damping-off and Root rot (<i>Phytophthora</i> and <i>Pythium</i> spp.)	Foliar spray	1 1/2-2 qts. of resyst in 30-100 gals. of water per acre	Apply dilution to ensure thorough, uniform foliage and crop coverage. Apply, as necessary, at 14-21 day intervals.

Nursery and Bedding Plants

Use on bedding plants grown in/on golf courses, greenhouses, interiorscapes, landscapes, nurseries and parks such as, but not limited to, ageratum, aglaonema, algerian ivy, anthurium, aphelandra, arborvitae, artemesia, aster, azaleas, baby's breath, begonia, bougainvillea, boxwood, caladium, carnation, cattleya skinneri, ceanothus, chrysanthemum, cissus, coleus, columbine, cotoneaster, daisy, delphinium, dieffenbachia, dogwood, Easter lily, English ivy, ficus, fox-glove, gaillardia, geranium, gloxinia, hibiscus, impatiens, Japanese holly, juniper, lavender, leather fox fern, marigold, Monterey pink, pansy, peperomia, petunia, philodendron, phlox, photinia, pieris, pinks, poinsettia, pothos, pottosporum, primrose, prostrate rosemary, rhododendron, rosemary, salvia, schefflera, sedum, sempervivum, snapdragon, spathiphyllum, taxus media, verbena, vinca, white cedar, white pine, zinnia and zygocactus; and on vegetable transplants or cultivars grown in greenhouse, lath house or shade house sites.

Apply before disease development in conjunction with good agricultural management practices. Use higher application rate when disease pressure is severe. To prevent plant injury, do not exceed application or frequency rates as stated below. Do not apply to plants that are heat or moisture stressed. When applying to indoor plants do not overspray and apply only to target plants. If meeting these conditions is not possible, move plants to an outdoor location for treatment and drying before taking back indoors.

Disease	Application Method	Rate	Application Program
Downy mildew	Foliar spray	1 1/4-2 1/2 qts. of resyst per 30-100 gals. of water	Apply dilution to ensure thorough, uniform foliage and crop coverage. Thoroughly wet all foliage. Repeat as required at 14-21 day intervals.
		OR 1/2-1 1/8 fl. oz. of resyst per gal. of water	
<i>Phytophthora</i> spp. and <i>Pythium</i> spp. diseases		1-2 qts. of resyst per 30-100 gals. of water OR 2-4 tsp. of resyst per gal. of water	Apply dilution to ensure thorough, uniform foliage and crop coverage. Thoroughly wet all foliage. Repeat as required at 14-21 day intervals. Do not apply more than 500 gals. of spray solution per acre.
	Soil drench	6 1/4-12 3/4 fl. oz. of resyst per 100 gals. of water	
Lavender: <i>Phytophthora</i> spp.	Foliar spray	2 qts. of resyst per acre	Apply in 20-60 gals.gals. per acre.
	Hand gun	2 qts. of resyst per 100 gals. of water	Thoroughly wet all foliage.

Ornamental Applications

Use on ornamentals in golf courses, greenhouses, interiorscapes, landscapes, nurseries and parks such as, but not limited to, aglaonema, anthurium, aphelandra, arborvitae, azaleas, bougainvillea, boxwood, cattleya skinneri, ceanothus, cissus, cotoneaster, dieffenbachia, English ivy, eucalyptus, ficus, hibiscus, Japanese andromeda, Japanese holly, leath-

er leaf fern, peperomia, philodendron, photinia, pieris, pittosporum, pothos, rhododendron, roses (container, field, landscape and mini varieties), schefflera, sedum, sempervivum, Spathiphyllum, syngonium, taxus media and zygocactus.

Apply before disease development and in conjunction with good agricultural management practices. Use higher application rate when disease pressure is severe. To prevent plant injury, do not exceed application or frequency rates as stated below. Do not apply to plants that are heat or moisture stressed. Do not apply to plants that are in a state of dormancy.

Disease	Application Method	Rate	Application Program
Bacterial blight (<i>Xanthomonas campestris</i>) pathovars: <i>dieffenbachiae</i> , <i>fici</i> , <i>hederiae</i> and <i>syngolini</i>	Foliar spray	2-4 pts. of resyst per 30-100 gals. of water OR 2-4 tsp. of resyst per gal. of water	Apply dilution to ensure thorough, uniform foliage and crop coverage. Thoroughly wet all foliage. Repeat as required at 7-14 day intervals.
		1 1/2-2 1/2 qts. of resyst in 30-100 gals. of water per acre	Apply dilution to ensure thorough, uniform foliage and crop coverage. Apply at the first onset of disease. Do not apply more than 6 times per crop cycle. Low Disease Pressure: Apply lower rate at 1-2 week intervals. High Disease Pressure: Apply higher rate at 7-10 day intervals.
<i>Phytophthora</i> spp. including Sudden Oak Death (<i>Phytophthora ramorum</i>) and <i>Pythium</i> spp.		1-2 qts. of resyst per 30-100 gals. of water OR 2-4 tsp. of resyst per gal. of water	Apply dilution to ensure thorough, uniform foliage and crop coverage. Thoroughly wet all foliage. Repeat as required, at 14-21 day intervals.
	Soil drench	6 1/4-12 3/4 fl. oz. of resyst per 100 gals. of water	Apply 25 gals. of solution per 100 sq. ft. Follow application with irrigation. Repeat as required, at monthly intervals.
	Soil incorporation	1-2 pts. of resyst per cubic yard of soil	Just prior to potting, mix into growing media. For high disease pressure, apply by foliar spray or soil drench.
	Root dip	2 pts. of resyst per 100 gals. of water OR 2 tsp. of resyst per gal. of water	Immediately before transplanting, dip transplants' bare roots for 2 minutes, keeping roots submerged. Thoroughly wet root mass.

*Not for use in California

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Ornamental Applications (cont.)

Disease	Application Method	Rate	Application Program
Powdery mildew	Foliar spray	1 1/2-2 1/2 qts. of resyst in 30-100 gals. of water per acre	<p>Apply dilution to ensure thorough, uniform foliage and crop coverage. Apply at the first onset of disease. Do not apply more than 6 times per crop cycle. Application amount depends upon plant type, maturity and application technique/method.</p> <p>Low Disease Pressure: Apply lower rate at 1-2 week intervals.</p> <p>High Disease Pressure: Apply higher rate at 7-10 day intervals.</p>
Suppression of Anthracnose		2-2 1/2 qts. of resyst in 30-100 gals. of water per acre	<p>Apply dilution to ensure thorough, uniform foliage and crop coverage. Apply prior to onset of disease. Apply spray to saturation/runoff.</p>
Roses: Black spot		<p>2 qts. of resyst in 30-100 gals. of water</p> <p>OR</p> <p>2 qts. of resyst per gal. of water (0.5% solution v/v concentration)</p>	<p>Apply dilution to ensure thorough, uniform foliage and crop coverage. Apply when disease is present and spray to the point of runoff.</p>
<p><i>Phytophthora</i> spp.* and <i>Pythium</i> spp.*; and Suppression of Fire blight*, Anthracnose*, Oak blight*, Oak wilt*, Apple scab*, and Stem* and twig blights*</p>	Soil injection or drench	0.5% solution in water	<p>Uniformly drench soil or inject solution into the soil around the base of the plant using 1 gallon of solution per diameter inch of landscape plant measured 6 inches above ground.</p> <p>For trees, uniformly drench soil or inject solution into the soil at the rate of 1 gallon of solution per diameter inch of tree trunk measured at DBH (4.5 feet from ground level).</p>

*Not for use in California

Seed Treatment

Use on agricultural crop seeds from crops listed elsewhere on this label. Do not use treated seed for food, feed or oil. Dye used to color treated seed must be an EPA-approved dye (refer to 40 CFR § 153.155(c)). Seed treatment on agricultural establishments in hopper-box, planter box or other seed treatment application at or immediately before planting is within the scope of the WPS, while commercial treatment of seeds is not within the scope of the WPS.

Disease	Application Method	Rate
<i>Phytophthora</i> , <i>Pythium</i> and <i>Fusarium</i> spp.	Apply at planting or in commercial seed treatment operations	8-24 fl. oz. of resyst per 100 lbs. of seed or 4-10 qts. of resyst per ton of seed, depending on the size of the seeds to be treated.

Turf

Use on turf grasses in/on commercial landscapes, commercial turf production sites, golf courses, parks and sod farms. Apply preventatively when conditions favor disease and repeat as directed below. Use higher application rate when disease pressure is severe.

Disease	Application Method	Rate	Application Program
Damping-off (<i>Pythium</i> spp.)	Foliar spray	5-10 fl. oz. of resyst per 1000 sq. ft.	Apply in 1-2 gals. of water per 1000 sq. ft. Ensure grass is thoroughly wet. Repeat as required at 14-21 day intervals. Do not irrigate or mow treated areas until spray has completely dried.
Suppression of Anthracnose			Apply in 5 gals. of water per 1000 sq. ft. Ensure grass is thoroughly wet. Apply every 14-21 days in a rotational fungicide program. Do not irrigate or mow treated areas until spray has completely dried.
Suppression of Pink snow mold		5-10 fl. oz. of resyst in 2 gals. of water per 1000 sq. ft.	Apply when temperatures and conditions favor disease outbreak; or apply in fall prior to onset of winter with other snow mold controlling fungicides.
Rhizoctonia			Repeat applications at 14-17 day intervals.

Turf-Tank Mixtures

Apply to turf grasses in/on commercial landscapes, commercial turf production sites, golf courses, parks and sod farms. Do not graze animals on treated turf areas. Do not feed treated turf clippings to poultry or livestock.

Product	Disease	Rate per 1,000 sq. ft.	Application Program
resyst + mancozeb-containing fungicide	Summer stress complex (<i>Rhizoctonia</i> and <i>Pythium</i> spp.)	5-10 fl. oz. of resyst + 4-8 fl. oz. of mancozeb-containing fungicide	Apply as a foliar spray in 1-5 gals. of water per 1000 sq. ft. Apply as a preventive spray and repeat as required at 2 week intervals. Do not irrigate or mow treated areas until spray has completely dried.
	Pink snow mold	5-10 fl. oz. per 1000 sq. ft.	Apply prior to disease development or when conditions favor disease outbreak.

Storage and Disposal

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

Pesticide Storage: Keep this product in containers stored upright and secured with the original closure. Do not store this product near any heat source or near strong oxidants. If transfer to another container becomes necessary, ensure that the container is clearly labeled, the container is a type suitable for the product and is clean and free of other materials.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container.

Containers with a capacity equal to or less than 5 gallons:

Triple rinse (or equivalent) or pressure rinse container 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 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.

Containers with a capacity greater than 5 gallons:

Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning; if burned, keep out of smoke.

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