

AGRI-FOS[®]

400

Turf and Ornamental Uses

SYSTEMIC FUNGICIDE FOR THE EFFECTIVE CONTROL OF VARIOUS PLANT DISEASES INCLUDING DOWNY MILDEW, PHYTOPHTHORA & PYTHIUM IN ORNAMENTALS, INTERIORSCAPES, BEDDING PLANTS, AND VEGETABLE TRANSPLANTS, PHYTOPHTHORA AND FUSARIUM IN CONIFERS, PYTHIUM IN TURF, AND PHYTOPHTHORA AND PYTHIUM DISEASES ASSOCIATED WITH STEM AND CANKER BLIGHT (SUDDEN OAK DEATH) AND GENERAL BEECH DECLINE AND VARIOUS TREE STEM CANKERS AND PHLOEM CANKERS.

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

OTHER INGREDIENTS: 54.2%

TOTAL: 100%

*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

45.8%
54.2%
100%



Department of Agriculture
STATE OF HAWAII

LICENSED

KEEP OUT OF REACH OF CHILDREN CAUTION

Consult page 2 of this booklet for First Aid and Precautionary Statements

PERIOD **2015-2017** LIC. NO.

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Batch No:

Date of

Manufacturer:

Manufactured for:

LIQUID FERTILISER PTY. LTD. (Trading as Agrichem)
320-222-3026

NET CONTENTS:

- | | |
|------------------------------------|--------------------------------------|
| <input type="checkbox"/> 1 Pint | <input type="checkbox"/> 25 Gallons |
| <input type="checkbox"/> 2 Quarts | <input type="checkbox"/> 55 Gallons |
| <input type="checkbox"/> 1 Gallon | <input type="checkbox"/> 250 Gallons |
| <input type="checkbox"/> 5 Gallons | |



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FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately 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 to an unconscious person

IF IN EYES:

- 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 poison control center or doctor for treatment advice

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing
- Rinse skin immediately with plenty of water for 15-20 minutes
- Call a poison control center or doctor for treatment advice

IF INHALED:

- 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

Have the product container or label with you when calling a poison control center or doctor or going for treatment.
Hotline Number: National Poison Control, 1-800-222-1222

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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. 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 manufacturer's instructions for maintaining/cleaning personal protective equipment (PPE). If no such instructions for washables, use hot water and detergent. Keep and wash PPE separately from other laundry.

When handlers use closed systems, aircraft or enclosed cabs 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 drinking, eating, chewing gum, using tobacco or using the toilet.
- Remove 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 Use: 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 washwaters or rinsate.

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, CFR 40 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, soils 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 **AGRI-FOS® 400** 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 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 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 Only) Do not apply when wind speed favors drift beyond the area intended for treatment.

Apply **AGRI-FOS® 400** continuously for the duration of the water application. After treatment with **AGRI-FOS® 400** has been completed, avoid further irrigation of the treated area until foliage is dry or for 24 to 48 hours.

GENERAL APPLICATION INSTRUCTIONS

Apply **AGRI-FOS® 400** by various application methods, including foliar spray (aerial and ground), soil drench, soil incorporation, basal bark application and bare root dip. For foliar sprays, apply **AGRI-FOS® 400** with sufficient water volumes for adequate coverage of foliage, according to crop and growth stage. To ensure good coverage, spray to wetness, but avoid run-off. This product does not have a pre-harvest interval (PHI). Harvest when dry.

When using **AGRI-FOS® 400** with Supa Stik PN adhere to all applicable label directions. Only use Supa Stik PN with basal bark applications.

MIXING INSTRUCTIONS

1. Fill the spray tank with $\frac{1}{4}$ - $\frac{1}{2}$ of the volume of water required before adding **AGRI-FOS® 400**
2. Add **AGRI-FOS® 400** slowly 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

AGRI-FOS® 400 is compatible with most products used in agriculture. However, individual crop sensitivity to these mixtures may vary. Mixtures of **AGRI-FOS® 400** with some foliar fertilizers and copper products are not always compatible or cause phytotoxicity to some plants. If these combinations or others have not been used previously, do not tank mix without first testing the compatibility of the tank mix. Do not apply tank mixture without first assessing its safety to the crop (phytotoxicity). Tank mix **AGRI-FOS® 400** with fertilizers only if crop safety has been established and the **AGRI-FOS® 400** use rates are followed.

Due to **AGRI-FOS® 400**'s acidic nature, do not use acidifying-type compatibility agents. If spray adjuvants are used test them before use to confirm compatibility with **AGRI-FOS® 400**.

Use a jar test to confirm compatibility with **AGRI-FOS® 400**. In a clean jar using the same water source that is normally used to fill spray tank, add the same proportions of each product and the appropriate quantity of water and mix thoroughly. Let stand for 3 minutes. If mixture remains in solution or is remixed readily the tank mix is compatible.

Spray the solution that results from the above compatibility test onto a few plants and inspect for visual effects of phytotoxicity (leaf burn) 3 days later.

GRASS GROWN FOR SEED PRODUCTION*

Use **AGRI-FOS® 400** for effective control of damping-off and root rot diseases in turf grasses such as, but not limited to, Bermuda, fescue, bent, blue, rye, zoysia, buffalo, and poa annua.

Disease	Application Method	Rate	Application Program
Phytophthora and Pythium spp	Foliar spray Ground	1½ quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water	Apply at 14-21 day intervals, as necessary. Ensure thorough coverage.

*Not for use in California

LANDSCAPE, GOLF COURSE, NURSERY, FORESTRY, AND PARK APPLICATIONS*

Use AGRI-FOS® 400 for effective control of Phytophthora and Pythium and other diseases associated with Stem and Canker Blight (Sudden Oak Death, Phytophthora ramorum), Beech Decline, and general tree decline syndromes, and for suppression of Anthracnose and Verticillium wilt in landscapes, nurseries, golf courses, forests, and parks. Apply AGRI-FOS® 400 to trees such as, but not limited to, Ash, Azalea, Beech, Black Locust, Buckeye, Catalpa, Cedar, Cherry – Stonefruits, Chestnut, Coffee Tree, Crab Apple, Cork Tree, Dogwood - All, Elder, Elm, Fir, Hawthorne, Honey Locust, Juniper, Lilac, Linden, Magnolia, Maples – All, Pine, Oaks – All, Olives, Ornamental Pear, Plum, Pyracantha, RedBud, Smoke Tree, Sumac, Sweet Birch, Sweet Gum, Sycamore, Viburnum, White Pine, White Cedar, and Willow.

Make applications before disease development and in conjunction with good cultural management practices. Use higher rate of application when disease pressure is severe. Do not exceed indicated application rates or apply more frequently than stated on label or tree injury may occur. Do not apply to trees that are heat or moisture stressed. Do not exceed indicated spray intervals or label rates in order to avoid tree injury. When applying to indoor plants do not overspray and use care to apply only to target plants. If meeting these conditions is not possible, remove plants to an outdoor location for treatment and drying before bringing back indoors.

Disease	Application Method	Rate	Application Program
Phytophthora and Pythium spp, and Phytophthora ramorum	Injection	11 fl. oz. per 21 fl. oz. of water Or 1/2 tsp. per tsp. of water	Drill holes 3/16 inch (5 mm) in diameter into live sapwood (depth dependent upon age of tree) with downward angle into trunk uniformly around the tree circumference, using a slow drill. 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 trees by one of the following 3 methods, and use the highest calculated number of injections: 1) 1 injection per square yard of canopy; 2) 1 injection per yard of diameter of canopy measured at the drip-line; 3) 1 injection per 6 inches of trunk circumference measured 4 feet above soil level. Make injections with applicators that maintain positive pressure differential such as ChemJet®, Sidewinder®, Ag-murf Gun®, Marley® Injector, Smart Shot injector, or hydraulic applicator type equipment that forces solution into the sapwood of the tree.
Phytophthora and Pythium spp, and Phytophthora ramorum	Basal bark spray (all other tree species) apply in spring and fall Best for thin bark trees such as maples, lindens, sycamores, and dogwoods	62.4 fl. oz. + 62.4 fl. oz. of water + 1.5 to 3.0 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of AGRI-FOS® 400 and Supa Stik PN around the complete circumference of the tree trunk 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. Treat in spring and fall for best results.

LANDSCAPE, GOLF COURSE, NURSERY, FORESTRY, AND PARK APPLICATIONS* Continued

Disease	Application Method	Rate	Application Program
Fusarium subglutinans (Pine Pitch Canker)	Basal bark spray (pines) apply anytime active growth is observed	1 gallon of AGRI-FOS® 400 + 2 gallons of water + 4 fl. oz. of Supa Stik PN Bark Penetrating Surfactant	Apply uniformly to 5 to 6 feet of trunk circumference. Spray from top down to ground level from either first branch or from as high as possible without exposing applicator to drift. Spray to saturation/runoff. Various types of application equipment can be used such as hydraulic sprayers, handheld pump-type sprayers, and backpack sprayers.
Fusarium subglutinans (Pine Pitch Canker) and Gnomonia platani (Sycamore Anthracnose)	Injection	4 tsp per tree of a 1 gallon AGRI-FOS® 400 + 2 gallons of water + 4 fl. oz. of Supa Stik PN solution.	Drill holes 3/16 inch (5 mm) in diameter and 1 inch (25 mm) to 2 inches (50 mm) deep with slight downward angle in trunk. Place syringes in the main trunk of the tree and space evenly around the circumference of the trunk. Suitable for use with Chemjet tree injectors, Ag murf gun, Smart Shot injector, or positive pressure hydraulic tree injection. Trees should be at least 10" diameter at breast height.
Fire blight	Foliar spray	1½ to 2 quarts per 100 gallons of water	First application pre bloom (bud swell or sliver tip stage). Application intervals: 7 days until end of bloom period. Apply spray to thoroughly wet all foliage.
** Suppression of Anthracnose	Foliar spray Ground	2 quarts per 100 gallons of water per acre	Apply at pre bloom (bud swell or green tip stage) with a supplemental application 14 days later with AGRI-FOS® 400 or other fungicide compound with efficacy on Anthracnose.
** Suppression of Anthracnose	Basal bark spray. Apply early spring at bud swell until green tip stage of growth.	62.4 fl. oz. + 62.4 fl. oz. of water + 1.5 to 3.0 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of AGRI-FOS® 400 and Supa Stik PN around the complete circumference of the tree trunk 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 large trees larger than 18 inches DBH (Diameter at Breast Height, 4.5 feet above ground) that have been previously attacked by Anthracnose, make a fall application prior to leaf senescence and a spring application for best results. For trees less than 18 inches DBH, make an early spring application.

LANDSCAPE, GOLF COURSE, NURSERY, FORESTRY, AND PARK APPLICATIONS* Continued

Disease	Application Method	Rate	Application Program
** Suppression of Verticillium wilt	Foliar spray Ground	2 quarts in 100 gallons of water per acre	For trees previously identified with infections, apply first application pre-bloom. Repeat applications between 21 to 30 days.
** Suppression of Verticillium wilt	Basal bark spray	1½ to 2 quarts + 2 quarts of water + 2 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of AGRI-FOS® 400 and Supa Stik PN around the complete circumference of the tree trunk 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 large trees larger than 24 inches DBH (Diameter at Breast Height, 4.5 feet above ground) that have been previously attacked by Verticillium wilt, make a fall application prior to leaf senescence and a spring application for best results. For trees less than 24 inches DBH, make an early spring application.
**Black spot (Diplocarpon spp)	Foliar spray Ground	1 to 2 quarts per 100 gallons of water	Apply uniformly to foliage preventatively or at first sign of disease.

*Use in California limited to Oaks (Coastal, Live, Shreve, Black, Canyon), Tan Oaks, and other tree species that are host to *P. ramorum*. Do not apply to any other tree species without consulting the list of *P. ramorum* host species listed at the following website: <http://nature.berkeley.edu/comtf/index.html>. Make applications by injection and basal bark spray of pines, basal bark spray of apples and crabapples, and injection of Sycamores for control of Sycamore anthracnose. For questions contact your local extension office.

** Not for use in California.

ORNAMENTAL APPLICATIONS

Use AGRI-FOS® 400 for effective control of Bacterial blight, Downy mildew, powdery mildew, Phytophthora spp, and Pythium spp diseases, and for suppression of Anthracnose of Ornamentals in landscapes, nurseries, golf courses, parks, interiorscapes, and greenhouses. Apply AGRI-FOS® 400 to plants such as, but not limited to, Aglaonema, Anthurium, Aphelandra, Arborvitae, Azaleas, Bougainvillea, Boxwood, Cattelya skinneri, Ceanothus, Cotoneaster, Cissus, Diffenbachia, English ivy, Eucalyptus, Ficus, Hibiscus, Japanese andromeda, Japanese Holly, Leather leaf Fern, Peperomia, Photinia, Pittosporum, Philodendron, Pieris, Pothos, Rhododendron, Roses (container, field, landscape, and mini varieties), Schefflera, Sedum, Sempervivum, Syngonium, Spathiphyllum, Taxus media, and Zygocactus.

Make applications before disease development and in conjunction with good cultural management practices. Use higher rate of application when disease pressure is severe. Do not exceed indicated application rates or apply more frequently than stated on label or plant injury may occur. Do not apply to plants that are heat or moisture stressed. Do not apply to plants that are in a state of dormancy. Do not exceed indicated spray intervals or label rates in order to avoid plant injury. When applying to indoor plants do not overspray and use care to apply only to target plants. If meeting these conditions is not possible, remove plants to an outdoor location for treatment and drying before bringing back indoors.

Disease	Application Method	Rate	Application Program
Bacterial blight (<i>Xanthomonas campestris</i>) pathogens: <i>dieffenbachiae</i> , <i>fici hederiae</i> , and <i>syngonli</i> Downy Mildew	Foliar spray Ground	2-4 pints per 100 gallons of water Or 2-4 tsp. per gallon of water	Apply spray to thoroughly wet all foliage. Application intervals: 7 to 14 days Repeat as required.

ORNAMENTAL APPLICATIONS Continued

Disease	Application Method	Rate	Application Program
Phytophthora spp. Phytophthora ramorum, and Pythium spp	Foliar spray Ground	1-2 quarts per 100 gallons of water Or 1-2 tsp. per gallon of water	Apply spray to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.
	Soil drench	6¼-12¼ fl. oz. per 100 gallons of water	Apply each 25 gallons of solution to an area of 100 square feet. Follow application with irrigation. Repeat as required. Limit of one application per month.
	Soil incorporation	1-2 pints per cubic yard of soil	Just prior to potting, mix 1 to 2 pts. of AGRI-FOS® 400 into each cubic yard of growing media. If disease pressure is high, apply foliar spray or soil drench.
	Bare rooted dipping of transplants	2 pints per 100 gallons of water Or 2 tsp. per gallon	Immediately before transplanting, dip transplants for two minutes, keep roots submerged, ensure root mass is thoroughly wet.
* Powdery mildew	Foliar spray Ground	1½ to 2½ quarts in 50 gallons of water per acre	Low Disease Pressure: Apply lower rate at the first onset of the disease. Repeat applications at 1-2 week intervals. High Disease Pressure: Apply higher rate at the first onset of the disease. Repeat applications at 7-10 day intervals. Do not apply more than 6 times per crop cycle. Application amount depends upon plant type, maturity, and application technique/method.
* Suppression of Anthracnose	Foliar spray Ground	2 to 2½ quarts in 50 gallons of water per acre	Apply prior to onset of disease. Apply spray to saturation or runoff.
* Black spot (Diplocarpon spp)	Foliar spray Ground	1 to 2 quarts per 100 gallons of water	Apply uniformly to foliage preventatively or at first sign of disease.

*Not for use in California

NURSERY AND BEDDING PLANTS

Use AGRI-FOS® 400 for effective control of Downy mildew, Phytophthora spp and Pythium spp diseases of BEDDING PLANTS grown in landscapes, nurseries and golf courses, parks, interiorscapes, and greenhouses. Apply AGRI-FOS® 400 to plants such as, but not limited to, Ageratum, Aglaonema, Algerian Ivy, Anthurium, Aphelandra, Arborvitae, Artemisia, Aster, Azaleas, Begonia, Baby's Breath, Bougainvillea, Boxwood, Caladium, Carnation, Cattelya Skinneri, Ceanothos, Cissus, Chrysanthemum, Coleus, Columbine, Cotoneaster, Daisy, Delphinium, Dieffenbachia, Dogwood, Easter Lily, English Ivy, Ficus, Foxglove, Gaillardia, Geranium, Gloxinia, Hibiscus, Impatiens, Japanese Holly, Juniper, Lavender, Leather Leaf Fern, Marigold, Monterey Pink, Pansy, Pieris, Peperomia, Petunia, Philodendron, Phlox, Photinia, Pinks, Pittosporum, Poinsetta, Pothos, Primrose, Prostrate Rosemary, Rosemary, Rhododendron, Salvia, Schefflera, Sedum, Sempervivum, Snapdragon, Spathiphyllum, Taxus Media, Verbena, Vinca, White Cedar, White Pine, Zinnia, and Zygocactus. AGRI-FOS® 400 may also be used for Vegetable Transplants grown in Greenhouse, Lathhouse, or Shade house sites.

Make applications before disease development and in conjunction with good cultural management practices. Use higher rate of application when disease pressure is severe. Do not exceed indicated application rates or apply more frequently than stated on label in order to avoid plant injury. Do not apply to plants that are heat or moisture stressed. When applying to indoor plants do not overspray and use care to apply only to target plants. If meeting these conditions is not possible, remove plants to an outdoor location for treatment and drying before bringing back indoors.

Disease	Application Method	Rate	Application Program
Downy Mildew	Foliar Spray Ground	1¼ to 2½ quarts per 100 gallons of water Or ½ to 1 1/8 fl. oz. per gallon of water	Apply spray to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.
Phytophthora spp and Pythium spp	Foliar spray Ground	1 to 2 quarts per 100 gallons of water Or 2 to 4 tsp. per gallon of water	Apply spray to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required. Note do not apply more than 500 gallons of spray solution per acre.
	Soil drench	6¼ to 12¼ fl. oz. per 100 gallons of water	Apply each 25 gallons of solution to an area of 100 square feet. Follow application with irrigation. Repeat as required. Limit of one application per month.
Phytophthora spp*	Foliar spray Ground	2 quarts per acre	Apply spray in 20-60 gallons per acre.
Phytophthora spp*	Hand gun	2 quarts per 100 gallons of water	Apply spray to thoroughly wet all foliage.

*Lavender applications.

CONIFERS IN COMMERCIAL NURSERIES, PLANTATIONS AND FORESTS*

(INCLUDING CHRISTMAS TREES)

Apply AGRI-FOS® 400 in conjunction with good cultural management practices for effective control of root rot (Phytophthora spp) in CONIFERS including, but not limited to, Pines, Spruce and Douglas Fir. Use higher rate of application when disease pressure is severe. Do not exceed indicated application rates or apply more frequently than stated on label in order to avoid plant injury. Do not apply to CONIFERS that are moisture or heat stressed.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar spray Ground	1 to 2 quarts per 100 gallons of water Or 2 to 4 tsp. per gallon of water	Apply spray to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.

CONIFERS IN COMMERCIAL NURSERIES, PLANTATIONS AND FORESTS* Continued

Disease	Application Method	Rate	Application Program
Phytophthora	Soil drench	1 to 2 quarts per 100 gallons of water Or 2 to 4 tsp. per gallon of water	Apply one gallon of solution per sq yd. Follow application with irrigation. Application intervals: 14 to 21 days. Repeat as required.
	Bare root dipping at transplanting	1 quart per 100 gallons of water Or 2 tsp. per gallon of water	Immediately before transplanting, dip transplants for two minutes; keep roots submerged and ensure root mass is thoroughly wet.
Fusarium subglutinans (Pine Pitch Canker)	Basal bark spray apply any time active growth is observed	1 gallon AGRI-FOS® 400 + 2 gallons of water + 4 fl. oz. of Supa Stik PN Bark Penetrating Surfactant	Spray a combination of AGRI-FOS® 400 and Supa Stik PN around the complete circumference of the tree trunk until saturation/runoff. Spray from ground level up to 5 feet above the soil line.
Fusarium subglutinans (Pine Pitch Canker)	Injection	4 tsp. per tree of a 1 gallon AGRI-FOS® 400 + 2 gallons of water	Drill holes 3/16 inch (5 mm) in diameter and 1 inch (25 mm) to 2 inches (50 mm) deep with slight downward angle in trunk. Place syringes in the main trunk of the tree and space evenly around the circumference of the trunk. Suitable for use with Chemjet tree injectors, Ag murf gun, or hydraulic tree injection. Trees should be at least 10" diameter at breast height.

*Not for use in California except as an injection and/or basal bark spray on pines.

Do not graze livestock in treated areas of conifer nurseries or plantations. Do not feed forage from treated areas of plantations and/or nurseries.

TURF*

Use AGRI-FOS® 400 for the effective control of Rhizoctonia, Pythium and damping-off diseases, and for suppression of Anthracnose of turf grasses on golf courses, parks, commercial landscapes, commercial turf production, and sod farms. When conditions favor disease, begin preventive applications and repeat at indicated intervals. Use higher rate of application when disease pressure is severe.

Disease	Application Method	Rate	Application Program
Pythium	Foliar spray Ground	5 to 10 fl. oz. per 1000 sq. ft.	Apply indicated quantity of product in 1 to 2 gallons of water per 1000 sq. ft. Ensure foliage is thoroughly wet. Application intervals: 14-21 days. Repeat as required. Do not irrigate or mow treated areas until spray has completely dried.
Suppression of Anthracnose	Foliar spray Ground	5 to 10 fl. oz. in 2 gallons of water per 1000 sq. ft.	Apply prior to onset of disease. Apply every 7 to 14 days.
Rhizoctonia	Foliar spray Ground	5 to 10 fl. oz. in 2 gallons of water per 1000 sq. ft.	Apply prior to onset of disease. Apply every 7 to 14 days.

* Use in California limited to control of pythium.

TURF TANK MIXTURES

For the effective control of summer stress complex caused by a complex of Rhizoctonia and Pythium diseases, tank-mix AGRI-FOS® 400 with Fore® WP [or Protect T/O or mancozeb-containing] fungicide and apply to turf grasses on golf courses, parks, commercial landscapes, commercial turf production, and sod farms.

Product	Disease	Rate per 1000sq. ft.	Application Program
AGRI-FOS® 400 + FORE® WP** [or Protect T/O or mancozeb- containing fungicide]	Summer Stress Complex (Rhizoctonia and Pythi- um spp.)	5 to 10 fl. oz. AGRI-FOS® 400 + 4 to 8 fl. oz. FORE® WP** [or Protect T/O or mancozeb- containing fungicide]	Apply indicated quantity of product in 1 to 5 gal. of water per 1000 sq. ft. as a foliar spray. Start as a preventive spray at two-week intervals and repeat as required. Do not irrigate or mow treated areas until spray has completely dried.

** Registered trade mark of Rohm & Haas.

Do not graze animals on treated areas of turf. Do not feed treated turf clippings to poultry or livestock.

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. Do not store 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 of equal to or less than 5 gallons: 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 ¼ 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 container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip 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, stay out of smoke.

WARRANTY AND DISCLAIMER

To the extent consistent with applicable law, all conditions and warranties and statutory or other rights of action which buyer or any other user may have against Liquid Fertiliser Pty. Ltd. are hereby excluded. To the extent consistent with applicable law, Liquid Fertiliser Pty. Ltd. hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information provided by Liquid Fertiliser Pty. Ltd. or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. To the extent consistent with applicable law, Liquid Fertiliser Pty. Ltd.'s liability shall in all circumstances be limited to replacement of product or a refund of the purchase price thereof.