SYSTEMIC FUNGICIDE FOR THE EFFECTIVE CONTROL OF VARIOUS PLANT DISEASES INCLUDING BLACK SPOT OR SCAB IN APPLE, ROOT ROT IN AVOCADO, BUD ROT AND NUT FALL IN COCONUT, ROOT ROT IN CITRUS AND CUCURBITS, DOWNY MILDEW IN CUCURBITS, GRAPE, LETTUCE, AND ONION, ANTHRACNOSE IN MANGO, ROOT AND HEART ROT IN PINEAPPLE, LATE BLIGHT IN POTATO, ROOT AND COLLAR ROT IN STONEFRUIT, LEATHER ROT AND PHYTOPHTHORA DISEASES IN STRAWBERRY, LATE BLIGHT IN TOMATO, DOWNY MILDEW, PHYTOPHTHORA & PYTHIUM IN ORNAMENTALS, INTERIORSCAPES & BEDDING PLANTS, 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.

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

CONSULT PAGE 2 OF THIS BOOKLET FOR FIRST AID & PRECAUTIONARY STATEMENTS

EPA Reg. No. 71962-1
EPA Est. No. 71962-AUS-001
72499-GA-001
71975-WA-001
1973-TN-003

Batch No.: ____________________________
Date of Manufacture: __________________

NET CONTENTS:
☐ 1 Pint
☐ 1 Quart
☐ 1 Gallon (3.785 L)
☐ 2.5 Gallons (9.46 L)
☐ 5 Gallons
☐ 30 Gallons
☐ 55 Gallons
☐ 250 Gallons

Net Weight of 12.14 pounds per gallon.

Manufactured for:
LIQUID FERTILISER PTY. LTD. (Trading as Agrichem)
2–10 Chetwynd Street
Loganholme, Queensland 4129
Australia
U.S. contact: 785-542-2577
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 by mouth 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 a 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.

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. 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 are available, use protective eyewear, long-sleeved shirt and pants, waterproof gloves, and shoes plus socks. When handlers use closed systems, aircraft or enclosed tanks in a manner that meets 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 cleaning clothes.
• 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

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, documentation, record-keeping, 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 users 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 users 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® 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 responsibility 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® continuously for the duration of the water application. After treatment with AGRI-FOS® 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® by various application methods, including foliar spray, basin drench, intermittent basin application, basin application and bare root dip. For foliar sprays, apply AGRI-FOS® with sufficient water volumes for adequate coverage of foliage, according to crop and growth stage. To ensure good coverage, spray to witness, but avoid run-off. When using AGRI-FOS® with Pentra-Bark™, adhere to all applicable label directions. Only use Pentra-Bark™ with basal bark or tree injection applications.

Mixing Instructions

1. Fill the spray tank with 1/4 – 1/2 of the volume of water required before adding AGRI-FOS®.
2. Add AGRI-FOS® 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® is compatible with most products used in agriculture. However, individual crop sensitivity to these mixtures may vary. Mixtures of AGRI-FOS® 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 previously used, do not tank mix without first testing the compatibility of the tank mix. Do not apply tank mix without first assessing its safety to the crop (phytotoxicity). Tank mix AGRI-FOS® with fertilizers only if crop safety has been established and the AGRI-FOS® use rates are followed.

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

Use a jar test to confirm compatibility with AGRI-FOS®. 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 thor-oughly. 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 phytoxicity (leaf burn) 3 to 7 days later.

Agricultural Applications

Apples, crab apples, loquats, pears & quince®

Use AGRI-FOS® for effective control of black spot, rot and collar rot and fire blight in apples, crab apples, loquats, pears, and quinces.

Disease Application Method Rate Application Program

Apple black spot and scar

Foliar spray

1/2 gallon per acre in 25 – 250 gallons water

First application at open cluster. Last application at fifth cover or fruit at 2" to 2 1/2" diameter. Total of 10 applications at 10- to 12-day intervals.

Basal bark spray

at bud swell or silver tip stage of growth in early spring

62.4 oz. of water + 3.2 fl. oz. of water + 3.2 fl. oz. Pentra-Bark® Bark Penetrating Surfactant

Spray a combination of AGRI-FOS® and Pentra-Bark® on 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. (Treatment generally lasts 8 – 12 weeks depending on pathogen levels. Higher disease pressure will shorten the length of control.)

Root and collar rot

Foliar spray

Apply at 1 1/4 to 2 1/2 quarts per acre with a maximum of 250 gallons water per acre

One-to-two-month intervals between treat- ments. Under high disease pressure use higher application rate and shorter spray interval. Ensure thorough coverage.

Foliar spray

Apply at 1 1/4 to 2 1/2 quarts per acre with a maximum of 250 gallons water per acre

Spray a combination of AGRI-FOS® and Pentra-Bark® 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. (Treatment generally lasts 8 – 12 weeks depending on pathogen levels. Higher disease pressure will shorten the length of control.)

*Not for use in California except basal bark spray on apples and crab apples.

Asparagus®

Use AGRI-FOS® for effective control of crown rot & asparagus spear slime disease in asparagus.

Disease Application Method Rate Application Program

Crown rot & Asparagus spear slime

Foliar spray

1 1/4 quarts per acre in 25-gallons water to 2 1/2 quarts per acre in 250 gallons water

Apply to ferns that have 2 to 3 inches of new growth. Do not apply to ferns that are starting to die down (senesce). For established plantings, start applications when conditions are favorable to disease (cool wet conditions). Ensure thorough coverage.

*Not for use in California.
AVOCADOS

Use AGRI-FOS® for effective control of root rot, trunk cankers and downy mildew disease in avocado.

<table>
<thead>
<tr>
<th>Disease</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Root rot (Phytophthora cinaminomi)</td>
<td>Tree injection</td>
<td>Skeletal trees</td>
<td>Inject trees at spring flush maturity. Repeat treatment in February or March. 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 muf® or hydraulic tree injection. Do not prune trees before injection process as burning of new growth may occur. Do not inject trees in winter months. Do not cut back the canopy of injected trees. Do not add any material, other than water, to AGRI-FOS® by trunk injection. Do not inject more liquid in a lesser number of syringes than directed.</td>
</tr>
<tr>
<td>Canker (Phytophthora citricola)</td>
<td>Trunk spray</td>
<td>1 1/4 to 2 1/2 quarts mixed with 5 gallons of water</td>
<td>Apply to trunk lesions using sufficient spray volume to completely wet the trunk and lesions. If lesions absent, apply to trunk from soil level to two feet up trunk. If lesions present, use higher rate.</td>
</tr>
<tr>
<td>Downy mildew</td>
<td>Foliar spray</td>
<td>3 3/4 pints in 500 gallons water</td>
<td>Spray to run-off, as required for disease control.</td>
</tr>
</tbody>
</table>

Use AGRI-FOS® for effective control of root rot in bush and cane berries such as, but not limited to, blueberries, blackberries, loganberries, and raspberries (red, black, hybrid/cultivars).

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<tr>
<td>Root rot (Phytophthora spp.)</td>
<td>Foliar spray</td>
<td>1 – 3 quarts per 100 gallons of water</td>
<td>New plantings: start application when new growth is 2 to 3 inches long. Established plantings: start applications when cool weather conditions occur which favor disease. West of Rocky Mountains: autumn applications - apply when conditions favor disease, repeat in 4 weeks. Spring applications - first application after bud break and repeat in 4 weeks. East of Rocky Mountains: First application in spring at post bud break (2 to 3 inches new growth) and repeat at 60- to 60-day intervals. Do not apply if applications per season. For blueberries – First application in spring at peak bud and then on a regular schedule of application at two to three intervals.</td>
</tr>
</tbody>
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BERRIES*

Use AGRI-FOS® for effective control of root rot in bush and cane berries such as, but not limited to, blueberries, blackberries, loganberries, and raspberries (red, black, hybrid/cultivars).

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<tr>
<td>Downy mildew (Pernospora parasitica)</td>
<td>Foliar spray</td>
<td>1 1/4 quarts per acre in 25 gallons of water</td>
<td>1- to 3-week intervals between applications when cool weather conditions favor disease development (cool, moist weather). Use higher rates and shorter intervals when disease pressure increases.</td>
</tr>
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BRASSICAS

Use AGRI-FOS® for effective control of downy mildew in brassicas such as, but not limited to, broccoli, Brussels sprouts, cabbage, cauliflower, cauliflower brocoli, collard, Chinese cabbage, Chinese mustard cabbage, kale, kohlrabi, micuna, mustard greens, mustard spinach and rape greens.

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<tr>
<td>Cereal grains*</td>
<td>Foliar spray</td>
<td>1 1/2 quarts per acre in 25 gallons of water</td>
<td>Corn: Apply at 14-day intervals from 4-leaf stage, as needed. Assure good coverage. Other grains: Apply at 14- to 21-day intervals, as needed. Assure good coverage.</td>
</tr>
</tbody>
</table>

*Not for use in California.

FRUITING VEGETABLES*

Use AGRI-FOS® for effective control of damping-off, root rot, and gummy stem blight diseases in eggplant, tomatoes, tomatillos, and peppers such as, but not limited to, bell, chili, cooking, pimento, and sweet.

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<tr>
<td>Peppers</td>
<td>Foliar spray</td>
<td>1 1/2 quarts per acre in 25 gallons of water</td>
<td>First application at transplant or when direct seeded crops are at 2 – 4 true leaf, then at one- to two-week intervals as required to control disease. In high disease situations, use higher rates and shorter spray intervals.</td>
</tr>
</tbody>
</table>

*Corn grown in field situations such as, but not limited to, cucumber, Chinese squash, tapegrass, mirrorleaf, squaw bean, watermelon, melon, cucumbers, cantaloupe, and watermelon. Use AGRI-FOS® for effective control of damping-off, root rot, and gummy stem blight diseases in eggplant, tomatoes, tomatillos, and peppers such as, but not limited to, bell, chili, cooking, pimento, and sweet.

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<td>Peppers</td>
<td>Foliar spray</td>
<td>1 1/2 quarts per acre in 25 gallons of water</td>
<td>First application at transplant or when direct seeded crops are at 2 – 4 true leaf, then at one- to two-week intervals as required to control disease. In high disease situations, use higher rates and shorter spray intervals.</td>
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FRUITING VEGETABLES*

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<td>Peppers</td>
<td>Foliar spray</td>
<td>1 1/2 quarts per acre in 25 gallons of water</td>
<td>First application at transplant or when direct seeded crops are at 2 – 4 true leaf, then at one- to two-week intervals as required to control disease. In high disease situations, use higher rates and shorter spray intervals.</td>
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CITRUS – Mature trees

Use AGRI-FOS® for effective control of root rot and collar rot diseases in citrus.

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<tbody>
<tr>
<td>Brown rot and foot rot (Phytophthora spp.)</td>
<td>Foliar spray</td>
<td>2 1/2 quarts per acre in a maximum of 250 gallons of water</td>
<td>When conditions favor disease. Spray trees to runoff ensure even coverage. Do not apply at high temperatures (above 90°F) particularly if humidity is low or to moisture-stressed trees.</td>
</tr>
<tr>
<td>Root rot and collar rot (Phytophthora nicotianae and Phytophthora citrophthora)</td>
<td>Trunk spray</td>
<td>Mix 1 1/4 to 2 1/2 quarts in a minimum of 5 gallons of water</td>
<td>Spray trunk lesions with enough spray volume to ensure lesions are completely wet. When disease levels are high, use higher rate.</td>
</tr>
</tbody>
</table>

COCONUTS

Use AGRI-FOS® for effective control of bud rot and nut fall in coconuts.

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<tr>
<td>Bud rot – Nut fall (Phytophthora palmivora)</td>
<td>Injection</td>
<td>Between 2 1/2 to 3 fl. oz. per tree</td>
<td>Dilute AGRI-FOS® with water to give final injection volume of 1 ft. oz. to 2 fl. oz. of water and AGRI-FOS®. Inject into the trunk or root system.</td>
</tr>
</tbody>
</table>

CUCURBITS

Use AGRI-FOS® for effective control of sudden wilt, gummy stem blight, and downy mildew diseases in cucurbits grown in field situations such as, but not limited to, cucumber, Chinese squash, tapegrass, mirrorleaf, squaw bean, watermelon, melon, cucumbers, cantaloupe, melon, watermelon, and zucchini. Use AGRI-FOS® for effective control of damping-off, root rot, and gummy stem blight diseases in eggplant, tomatoes, tomatillos, and peppers such as, but not limited to, bell, chili, cooking, pimento, and sweet.

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<tbody>
<tr>
<td>Cucurbits, tank mixtures*</td>
<td></td>
<td></td>
<td>For the effective control of downy mildew diseases, tank-mix AGRI-FOS® with a mancozeb-containing fungicide and apply to cucurbits.</td>
</tr>
</tbody>
</table>

*Not for use in California.

CORN

Use AGRI-FOS® for effective control of damping-off and root rot diseases.

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<tr>
<td>Corn</td>
<td>Foliar spray</td>
<td>1 1/2 quarts per acre in 25 gallons of water</td>
<td>1- to 3-week intervals between applications when cool weather conditions favor disease development (cool, moist weather). Use higher rates and shorter intervals when disease pressure increases.</td>
</tr>
</tbody>
</table>

*Not for use in California.
For the effective control of downy mildew diseases, tank-mix AGRI-FOS®. *Use in California limited to lettuce.

Cardoon, celery, chervil, corn salad, endive, fennel, lettuce, parsley, radicchio, rhubarb, spinach, and Swiss chard.

Use AGRI-FOS® for effective control of downy mildew in leafy vegetables such as, but not limited to, amaranth, arugula, cow peas, and pigeon peas.

Pinto bean, mung beans, broad beans, lentils, chickpeas, English peas, snow peas, sugar snap peas, black-eyed peas, alfalfa, clover, and vetch.

Anthracnose (Colletotrichum gloeosporioides) for effective control of anthracnose in mangos.

Downy mildew Early season small canopy, 1.1/4 quarts per acre in 100 gallons water Late season/large canopy, 2 quarts per acre in 150 gallons water to 2 1/2 quarts per acre in 200 gallons water

It is essential that the rate of AGRI-FOS® be adjusted to the vine-row volume, i.e., the volume of vine foliage per acre. Spray timing is critical. Apply AGRI-FOS® at times of high disease risk, especially between the time that conditions are conducive to downy mildew infection and the appearance of oil spots. Ensure spray coverage is adequate and that the appropriate rate of AGRI-FOS® is applied to match vine growth, particularly from mid-season onwards, and especially where grapes are grown on root stock.

For the effective control of downy mildew diseases, tank-mix AGRI-FOS® with a mancozeb-containing fungicide and apply to tomatoes.

Disease Application Method Rate Application Program
Downy mildew Foliar spray 1 1/2 quarts per acre in 25 gallons of water 2 1/2 quarts per acre in 50 gallons of water 100 gallons water

Ensure spray coverage is adequate and that infection and the appearance of oil spots. conditions are conducive to downy mildew disease risk, especially between the time that

disease. Apply at 14-day intervals after plant emergence, as needed. Ensure good coverage.

Agri-FOS® for effective control of Phytophthora root and heart rot diseases in pineapples.

Pineapples, POST-HARVEST* Use AGRI-FOS® only on russet-skinned potatoes intended for processing for suppression of late blight (Phytophthora infestans) and pink rot (Phytophthora erythroseptica). Apply 16.5 fl. oz. of AGRI-FOS® per ton of tubers in one half gallon of water as a mist spray. For the best control, be sure the tubers are completely and evenly covered.

Potatoes, Post-harvest: Late blight (Phytophthora infestans) and pink rot (Phytophthora erythroseptica) Spray on tubers 16.5 fl. oz. in 1/2 gallon of water/ton of tubers

Apply only to russet-skinned potatoes intended for processing. For best results, be sure tubers are thoroughly and evenly covered.

Not for use in California.

Legumes* Use AGRI-FOS® for effective control of damping-off and root rot diseases in forage crops such as, but not limited to, alfalfa, clover, and vetch.

Disease Application Method Rate Application Program
Phytophthora and Pythium spp. Foliar spray 1 1/2 quarts per acre in 25 gallons of water 2 quarts per acre in 25 gallons of water

Apply at 14-day intervals after plant emergence, as needed. Ensure good coverage.

Not for use in California.

Okra* Use AGRI-FOS® for effective control of damping-off and root rot diseases in okra.

Disease Application Method Rate Application Program
Phytophthora and Pythium spp. Foliar spray 1 1/2 quarts per acre in 25 gallons of water 2 quarts per acre in 100 gallons water per acre

Apply at 14-day intervals after plant emergence, as needed. Ensure good coverage.

Not for use in California.

Onions Use AGRI-FOS® for effective control of downy mildew disease in onions, garlic, shallots, and leeks. Use as a preventative control program for best results.

Disease Application Method Rate Application Program
Downy mildew (Plasmodiophora brassicae) Foliar spray 1/2 gallon per acre in 100 gallons water

Ensure thorough coverage.

Not for use in California.

Peanuts* Use AGRI-FOS® for effective control of Phytophthora root and heart rot diseases in peanuts.

Disease Application Method Rate Application Program
Phytophthora root and heart rot (Phytophthora cinamomomi and parasitica spp.) Foliar spray 2 1/2 quarts per acre in 25 – 50 gallons water per acre

Apply to tops, 14 days prior to harvest of planting material. Will treat enough slips to plant one acre. Established plantings when conditions favor disease. Apply at 90-day intervals. Ensure thorough coverage of plants.

Not for use in California.

Onions, TANK MIXTURES* For the effective control of downy mildew diseases, tank-mix AGRI-FOS® with a mancozeb-containing fungicide and apply to onions, garlic and shallots.

Product Disease Rate Application Program
AGRI-FOS® + mancozeb-containing fungicide Downy mildew Early season small canopy, 1 1/4 quarts per acre in 100 gallons water Late season/ large canopy, 2 quarts per acre in 150 gallons water to 2 1/2 quarts per acre in 200 gallons water + Label rate of mancozeb

Apply as a foliar spray the indicated quantity of the tank-mix products. For best results, use a tank-mix with protectant fungicides such as mancozeb, copper oxychloride, etc., to ensure both pre- and post-infection activity.

Not for use in California.

Hops* Use AGRI-FOS® for effective control of downy mildew in hops.

Disease Application Method Rate Application Program
Downy mildew Foliar spray by ground equipment only. 1 – 3 quarts per 100 gallons of water per acre

When conditions favor disease, apply when A: Shoots are 1/2 to 1 foot long. B: Post-training when vines are 6 feet high. C: 21 days post-application. D: During bloom

Foliar spray to the point of runoff. Spray tree every 14 days during blossom period, then monthly until harvest.

Foliar spray 1 1/2 quarts per acre in 250 gallons of water

Apply at 14-day intervals, as necessary. Ensure thorough coverage.

Not for use in California.

Leafy vegetables* Use AGRI-FOS® for effective control of downy mildew in leafy vegetables such as, but not limited to, amaranth, arugula, cardoon, celery, chervil, corn salad, endive, fennel, lettuce, parsley, radicchio, rhubarb, reggianl, and Swiss chard. Excludes Brassica vegetables.

Disease Application Method Rate Application Program
Downy mildew Foliar spray 1/2 gallon per acre in 45-gallons water

Ensure spray coverage is adequate to wet the whole plant. During warm, wet conditions repeat application at 7 - 10-day intervals, if needed.

Not in California limited to lettuce.

Legumes* Use AGRI-FOS® for effective control of damping-off and root rot diseases in legumes (succulent and dry) such as, but not limited to, green beans, soybeans, wax beans, field beans, navy beans, lima beans, fava beans, kidney beans, pinto bean, mung beans, broad beans, lentils, chickpeas, English peas, snow peas, sugar snap peas, black-eyed peas, cow peas, and pigeon peas.

Disease Application Method Rate Application Program
Phytophthora and Pythium spp. Foliar spray 1 1/2 quarts per acre in 25 gallons of water

Apply at 14-day intervals after plant emergence, as needed. Ensure good coverage.

Not for use in California.

Mangos Use AGRI-FOS® for effective control of anthracnose in mangos.

Disease Application Method Rate Application Program
Anthracnose (Colletotrichum gloeosporioides) Foliar spray 2 tsp. per gallon of water

Spray tree every 14 days during blossom period, then monthly until harvest. Spray to the point of runoff.

Nongrass animal feed* Use AGRI-FOS® for effective control of damping-off and root rot diseases in forage crops such as, but not limited to, alfalfa, clover, and vetch.

Disease Application Method Rate Application Program
Phytophthora and Pythium spp. Foliar spray 1 1/2 quarts per acre in 25 gallons of water

Apply at 14-day intervals after plant emergence, as needed. Ensure good coverage.

Not for use in California.
**ROOT AND TUBER VEGETABLES**

Use AGRI-FOS® for effective control of foliar and root rot in ginseng, damping-off and root rot diseases in carrots, and late blight disease and storage diseases such as pink rot and Pythium leak in potatoes, sweet potatoes, and yams.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Application Method</th>
<th>Rate</th>
<th>Application Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ginseng: Foliar and root rot (Phytophthora cactorum)</td>
<td>Foliar spray</td>
<td>2 1/2 quarts in 100 gallons of water</td>
<td>In cool soil conditions that favor Phytophthora. Apply at 7-day intervals. Do not exceed a total of 8 applications per season.</td>
</tr>
<tr>
<td>Carrots: Phytophthora and Pythium spp.</td>
<td>Foliar spray</td>
<td>1 1/2 quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water</td>
<td>Apply at 14-day intervals after plant emergence, as needed. Ensure good coverage.</td>
</tr>
<tr>
<td>Potatoes, Sweet Potatoes, Yam: Pink rot and Pythium leak (Phytophthora erythrophleca and Pythium spp.)</td>
<td>In-furrow spray</td>
<td>2 – 5 quarts per acre in 10 gallons water</td>
<td>Apply in a band spray directly over top of potato seed just before row is closed.</td>
</tr>
</tbody>
</table>

*Use in California limited to potatoes, sweet potatoes, and yams.

**STONEFruit**

Use AGRI-FOS® for effective control of root, collar rot and almond pruning-wound canker disease in stone fruit such as, but not limited to, sweet and tart cherry, peaches, plums, and plum prunes.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Application Method</th>
<th>Rate</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Root and collar rot (Phytophthora spp.)</td>
<td>Foliar spray</td>
<td>2 1/2 quarts per acre in 250 gallons water</td>
<td>Three treatments are required. 1. Spring 2. Mid summer 3. Fall, post harvest</td>
</tr>
<tr>
<td>Basal bark spray; apply in spring and fall</td>
<td>62.4 fl. oz. + 62.4 fl. oz. of water to 3.2 fl. oz. Pentra-Bark™ Bark Penetrating Surfactant</td>
<td>Spray a combination of AGRI-FOS® and Pentra-Bark™ around the complete circumference of the tree trunk until saturation/runoff. Spray from ground level up to 5 feet above the tree line, including the base of the first scaffolding limbs, if present. Treat in spring and fall for best results.</td>
<td></td>
</tr>
<tr>
<td>Almond pruning – wounded cankers (Phytophthora syringae)</td>
<td>Plant or spray</td>
<td>1 1/4 – 2 1/2 quarts in 100 gallons of water per acre</td>
<td>Apply to pruning wound and surrounding area, ensure area is thoroughly wet. In high disease situations use higher rate.</td>
</tr>
</tbody>
</table>

*Not for use in California.

**STRAWBERRIES**

Use AGRI-FOS® for effective control of leather rot, Reid stem and Phytophthora disease in strawberries.

<table>
<thead>
<tr>
<th>Disease</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Red stem (Phytophthora fragariae)</td>
<td>Pre-planting dip</td>
<td>1 1/4 quarts in 100 gallons water</td>
<td>Dip planting material in this solution for 30 minutes, then plant within one day. Use program for annual and perennial varieties.</td>
</tr>
<tr>
<td>Foliar spray</td>
<td>1 – 3 quarts in 50 – 100 gallons water per acre</td>
<td>Annual crops: first treatment 14 to 21 days post planting, repeat at 1- to 2-month intervals when disease is evident. Perennial crops: first treatment during spring growth flush, repeat at 1- to 2-month intervals when disease is evident. For susceptible varieties use higher rates and shorter spray intervals.</td>
<td></td>
</tr>
<tr>
<td>Leather rot (Phytophthora cactorum)</td>
<td>Foliar spray</td>
<td>1 – 3 quarts in 50 – 100 gallons water per acre</td>
<td>Apply at 10% bloom and early fruit set, then at 1- to 2-week intervals as required for disease control. In high disease situations use higher rates and shorter spray intervals.</td>
</tr>
</tbody>
</table>

**TREE NUTS**

Use AGRI-FOS® for effective control of root and collar rot, and almond pruning-wound canker disease in tree nuts such as, but not limited to, almonds, beechnuts, Brazil nuts, butternuts, cashews, chestnuts, chinquapins, hazelnuts, hickory nuts, macadamia nuts, pecans, and walnuts.

<table>
<thead>
<tr>
<th>Disease</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Other than macadamia nuts: Root and collar rot (Phytophthora spp.)</td>
<td>Foliar spray</td>
<td>1 1/4 quarts per acre in 125 gallons water</td>
<td>Three treatments are required: 1. Spring 2. Mid summer 3. Fall, post harvest</td>
</tr>
<tr>
<td>Other than macadamia nuts: Almond pruning – wound canker (Phytophthora syringae)</td>
<td>Plant or spray</td>
<td>2 1/2 quarts in 100 gallons water</td>
<td>Apply to pruning wound and surrounding area, ensure area is thoroughly wet.</td>
</tr>
<tr>
<td>Macadamia nuts: Raceme blight (Phytophthora spp.)</td>
<td>Foliar spray</td>
<td>3 3/4 quarts per acre in 250 gallons of water</td>
<td>Apply when disease is first seen and repeatably at 3 week intervals. Spray to the point of runoff.</td>
</tr>
</tbody>
</table>

*Not for use in California.

**SEED TREATMENT APPLICATIONS**

Use AGRI-FOS® for effective control of Phytophthora and Pythium diseases on agricultural crop seeds from crops listed elsewhere on this label. Do not use treated seed for food, feed, or oil. Register all seed treatment application at or immediately before planting is within the scope of WPS, while commercial treatment of seeds is not within the scope of WPS.

<table>
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<tbody>
<tr>
<td>Phytophthora, Pythium and Fusarium spp.</td>
<td>Can be applied at-planting or in commercial seed treatment operations.</td>
<td>6 – 24 fl. oz. AGRI-FOS per 100 lbs. of seed or 4 – 10 quarts AGRI-FOS per ton of feed, depending on the size of the seeds to be treated.</td>
<td></td>
</tr>
</tbody>
</table>

**GRASS GROWN FOR SEED PRODUCTION**

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

<table>
<thead>
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<th>Disease</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Phytophthora and Pythium spp.</td>
<td>Foliar spray</td>
<td>1 1/2 quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water</td>
<td>Apply at 14- to 21-day intervals, as necessary. Ensure thorough coverage.</td>
</tr>
</tbody>
</table>

*Not for use in California.

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

Use AGRI-FOS® for effective control of Phytophthora and Pythium and other diseases associated with Stem and Canker Blight (Gudden Oak Death), Phytophthora cambivora, Beech Decline, and general tree decline syndromes in landscapes, nurseries, golf courses, forests, and parks. Apply AGRI-FOS® to trees such as, but not limited to, Beech, Cedar, Chestnut, Crab Apple, Dogwood, Elm, Fir, Hawthorne, Juniper, Linden, Pine, Oaks (Coastal, Live, Shreve, Black, Canyon), Ornamental Pear, Pyracantha, Sweet Birch, Sweet Gum, Sycamore, 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 apply to trees that are in a state of dormancy. 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.

<table>
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<tbody>
<tr>
<td>Phytophthora and Pythium spp., and Phytophthora ramorum</td>
<td>Injection</td>
<td>11 fl. oz. per 21 fl. oz. of water OR 1/2 tsp. per gal. of water</td>
<td>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®, Medley® Injector, or hydraulic applicator-type equipment that forces solution into the sapwood of the tree.</td>
</tr>
</tbody>
</table>

Basal bark spray (all other tree species); apply in spring and fall | 62.4 fl. oz. + 62.4 fl. oz. of water to 3.2 fl. oz. Pentra-Bark™ Bark Penetrating Surfactant | Spray a combination of AGRI-FOS® and Pentra-Bark™ 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.

(continued on next page)
LANDSCAPE, GOLF COURSE, NURSERY, FORESTRY, AND PARK APPLICATIONS*

(continued)

<table>
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<tbody>
<tr>
<td><strong>Fusarium subglutinans</strong> (Pine Pitch Canker) and <em>Gnomonia platani</em> (Sycamore Anthracnose)</td>
<td>Injection</td>
<td>20 ml per tree of a 1 gallon AGRI-FOS®</td>
<td>Apply a mixture of 2 to 4 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water</td>
</tr>
<tr>
<td><strong>Apple black spot and scab (Venturia inaequalis)</strong></td>
<td>Basal bark spray</td>
<td>1/4 quart per 100 gallons of water</td>
<td>Apply mixture to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.</td>
</tr>
<tr>
<td><strong>Fire blight</strong></td>
<td>Foliar spray</td>
<td>1/4 quart per 100 gallons of water</td>
<td>Apply mixture to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.</td>
</tr>
</tbody>
</table>

*Not for use in California except as an injection and/or basal bark spray on pines. * Not for use in California except as an injection and/or basal bark spray on pines. CONIFERS IN COMMERCIAL NURSERIES, PLANTATIONS AND FORESTS* (INCLUDING CHRISTMAS TREES)

Use AGRI-FOS® for effective control of Bacterial blight, Downy mildews, *Phytophthora* spp. and *Pythium* spp. diseases of *Oomycota* such as, but not limited to, *Aphanomyces* and *Phytophthora cinnamomi*. Apply AGRI-FOS® to plants such as, but not limited to, *Aphanomyces* and *Phytophthora cinnamomi*. 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.

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</thead>
<tbody>
<tr>
<td><strong>Phytophthora</strong> spp.</td>
<td>Foliar spray</td>
<td>1 – 2 quarts per 100 gallons of water</td>
<td>Apply a mixture of 2 to 4 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water</td>
</tr>
<tr>
<td><strong>Soil drench</strong></td>
<td>Foliar spray</td>
<td>1 – 2 quarts per 100 gallons of water</td>
<td>Apply a mixture of 2 to 4 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water</td>
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</tbody>
</table>

**BEDDING PLANTS**

Use AGRI-FOS® for effective control of *Pantulum* and damping-off diseases 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. 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. Do not irrigate or mow treated areas until spray has completely dried.

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Pythium</strong></td>
<td>Foliar spray</td>
<td>1/2 to 1 gallon per 100 gallons of water</td>
<td>Apply a mixture of 2 to 4 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water + 2 tsp. per gallon of water</td>
</tr>
</tbody>
</table>
WARRANTY AND DISCLAIMER
To the extent permitted by 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 permitted by 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 permitted by 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.

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.

CONTAINER DISPOSAL:
Nonrefillable container. Do not use or refill this container.

**Registered trademark of Rohm & Haas.

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

<table>
<thead>
<tr>
<th>Product</th>
<th>Disease</th>
<th>Rate per 1000 sq. ft.</th>
<th>Application Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI-FOS® + FORE® WP** (or Protect T/O or mancozeb-containing fungicide)</td>
<td>Summer Stress Complex (Rhizoctonia and Pythium spp.)</td>
<td>5 to 10 fl. oz. AGRI-FOS® + 4 to 8 fl. oz. FORE® WP** (or Protect T/O or mancozeb-containing fungicide)</td>
<td>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 move treated areas until spray has completely dried.</td>
</tr>
</tbody>
</table>

TURF TANK MIXTURES
For the effective control of summer stress complex caused by a complex of Rhizoctonia and Pythium diseases, tank-mix AGRI-FOS® 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.

**Registered trademark of Rohm & Haas.

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

Agri-Chem Laboratories Inc.

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