STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
8953.6

AGRI-FOS

Systemic Fungicide Plus

Commercial & Agricultural Uses

SYSTEMIC FUNGICIDE FOR THE EFFECTIVE CONTROL OF VARIOUS PLANT DISEASES ENCOUNTERED IN COMMERICAL AND AGRICULTURAL SYSTEMS

ACTIVE INGREDIENTS: Mono- and di-potassium salts of Phosphorous Acid*	60.56%
OTHER INGREDIENTS:	39.44%
TOTAL:	100%

*Contains 7.92 lbs/gallon of the active ingredients, mono- and di-potassium salts of Phosphorous Acid.
Equivalent to 5.11 lbs Phosphorous Acid/gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

Consult page 2 of this booklet for Precautionary Statements

EPA Reg. No. 71962-2

EPA Est. No. 71962-AUS-001
72499-GA-001
71975-WA-001
68253-CO-001

Batch No:
Date of Manufacture:

Manufactured for:
LIQUID FERTILISER PTY. LTD. (Trading as Agrichem)
+61 7 3451 0000

NET CONTENTS:
☐ 1 Pint ☐ 5 Gallons ☐ 55 Gallons
☐ 1 Quart ☐ 15 Gallons ☐ 250 Gallons
☐ 1 Gallon ☐ 30 Gallons
☐ 2.5 Gallons ☐ 35 Gallons

agrichem®

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Phone: +61 7 3451 0000
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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 clothing 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® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** continuously for the duration of the water application. After treatment with **Agri-Fos® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** 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 ¼ - ½ of the volume of water required before adding **Agri-Fos® Systemic Fungicide Plus**
2. Add **Agri-Fos® Systemic Fungicide Plus** 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® Systemic Fungicide Plus is compatible with most products used in agriculture. However, individual crop sensitivity to these mixtures may vary. Mixtures of **Agri-Fos® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** with fertilizers only if crop safety has been established and the **Agri-Fos® Systemic Fungicide Plus** use rates are followed.

Due to **Agri-Fos® Systemic Fungicide Plus**'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® Systemic Fungicide Plus**.

Use a jar test to confirm compatibility with **Agri-Fos® Systemic Fungicide Plus**. 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.

GENERAL HYDROPONIC APPLICATIONS

For use with plants grown in recirculating hydroponic systems.

Disease	Rate	Application Program
General root rots (Pythium and Phytophthora spp) and root diseases*	0.75 to 1.25 quarts in 5300 gallons of nutrient solution	Apply every 4 to 6 weeks in the summer and every 8 weeks in the fall. The application time interval may be modified depending on crop load, water quality, and disease pressure.

*Not for use in California

AGRICULTURAL APPLICATIONS

APPLES, CRAB APPLES, LOQUATS, MAYHAW, PEARS & QUINCE

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Fire Blight, Downy Mildew, Powdery Mildew, and Black Spot in Apples, Crab Apples, Mayhaw, Loquats, Pears, and Quinces.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia* Fire Blight* (Erwinia amylovara)	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water Drip: 2 to 3 quarts in at least 100 gallons of water.	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Trunk Injection	3 teaspoons per linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH). Inject directly in to tree.	Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications. Repeat 2-4 times a year until control is reached.

*Not for use in California
** Check with your local Extension Agent if you are unsure these conditions exist.
*** Not for use in California except as basal bark spray on apples and crab apples.

APPLES, CRAB APPLES, LOQUATS, MAYHAW, PEARS & QUINCE CONTINUED

Disease	Application Method	Rate	Application Program
Fire Blight*** (Erwinia amylovara)	Basal bark spray treat in spring and fall for best results	40-50 fl. oz. of **Agri-Fos® Systemic Fungicide Plus** + 62.5 fl. oz. of water + 1.5 to 3.0 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** 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. (Treatment generally lasts 8-12 weeks depending on pathogen levels).
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
Apple Black Spot and Scab*** (Venturia inaequalis)	Foliar	Apply 2 to 2.50 pints per acre in 100 gallons water per acre	Apply in combination with a recommended fungicide at 3 lbs/ acre. Apply at ¼ - ½ inch green tip through first cover at 7 to 10 day intervals or according to forecasted infection events. Continue with **Agri-Fos® Systemic Fungicide Plus** and a recommended fungicide in the remaining applications.
	Basal bark spray at bud swell or silver tip stage of growth in early spring	40.50 fl. oz. of **Agri-Fos® Systemic Fungicide Plus** + 62.5 fl. oz. of water + 1.5 to 3.0 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** and Supa Stik PN 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).

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** Check with your local Extension Agent if you are unsure these conditions exist.
*** Not for use in California except as basal bark spray on apples and crab apples.

ASPARAGUS

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew, Crown Rot & Asparagus Spear Slime disease in Asparagus.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Crown Rot* Asparagus Spear Slime* (Phytophthora spp.)	Foliar	0.75 quarts per acre in 25 gallons water to 1.75 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). In established plantings, start applications when conditions are favorable to disease (cool wet conditions). Ensure thorough coverage.

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist.

AVOCADOS
Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Root Rot, Trunk Cankers and Downy Mildew disease in Avocado.

Disease	Application Method	Rate	Application Program
Root Rot (Phytophthora cinnamomi)	Tree injection	Skeletal trees 1st year: 0.75 tsp undiluted product per yard of canopy diameter. Other situations: 0.50 teaspoon diluted with 0.50 fl. oz. of water per yard of canopy diameter	Inject trees at spring flush maturity post vegetative at summer flush maturity. Drill holes 3/16 inch in diameter and 1 inch to 2 inches 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. Do not prune back 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® Systemic Fungicide Plus** by trunk injection. Do not inject more liquid in a lesser number of syringes than directed.
	Foliar	1.25 quarts in 100 gallons of water per acre	Spray to run off at 2 – 2½ gallons of spray solution per adult tree. Start applications in spring, up to 4 applications a year at two-month intervals. Ensure thorough coverage.
Canker (Phytophthora citricola)	Trunk spray	0.75 to 1.75 quarts mixed with 5 gallons of water with 3.0 fl. oz. of Supa Stik PN Bark Penetrating Surfactant	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.
Downy mildew	Foliar	2.50 pints in 100 to 500 gallons water	Spray to run-off, as required for disease control.

BERRIES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew, Septoria spp., and Anthracnose in Bush and Cane Berries such as, but not limited to, Bingleberries, Blackberries, Black Satin Berries, Blueberries, Boysenberries, Cherokee Blackberries, Chesterberries, Cheyenne Blackberries, Coryberries, Cranberries, Darrowberries, Dewberries, Dirksen Thornless Berries, Elderberries, Himalayaberries, Huckleberries, Hullberries, Lavacaberries, Loganberries, Lowberries, Lucretiaberries, Mammoth Blackberries, Marionberries, Mulberries, Nectarberries, Olallieberries, Oregon Evergreen Berries, Phenomenalberries, Rangeberries, Ravenberries, Rossberries, Raspberries (red, black, hybrids/cultivars), Shwanee Blackberries, and Youngberries.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist.

BERRIES CONTINUED

Disease	Application Method	Rate	Application Program
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Root Rot* (Phytophthora spp.)	Foliar	0.75 to 2.00 quarts per 100 gallons of water per acre. Ensure foliage is completely wet	New plantings: start application when new growth is 2 to 3 inches long. In established plantings start applications when cool wet 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 spring post bud break (2 to 3 inches new growth) and repeat at 50 to 60 day intervals. Do not exceed 4 applications per season. For blueberries - First application in spring at pink bud and then on a regular schedule of application at two to three week intervals.
General leaf and berry diseases such as those caused by: Septoria spp.* Anthracnose*	Root dip	Mix a 2.50% v/v solution (0.75 quart per 10 gallons of water)	Apply as pre-plant dip to the roots for 2-3 minutes. Plant within 48 hours after dipping. Mix a fresh solution daily.
	Chemigation Overhead	0.75 to 1.25 quarts in 1000 gallons of water per acre	Apply with normal irrigation schedule. Do not apply more than 4 times per crop cycle.
	Chemigation Low volume	1.25 to 2 quarts in 100 gallons of water per acre	

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BRASSICAS

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Damping-Off, Root Rot, Bacterial, and Fungal diseases, and Downy Mildew in Brassicas such as, but not limited to, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Cavalo Broccolo, Collards, Chinese Cabbage, Chinese Mustard Cabbage, Horseradish, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach And Rape Greens.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy mildew (Peronospora parasitica)	Foliar	0.75 to 1.25 quarts in 30 gallons of water per acre California: 0.75 quarts per acre in 100 gallons of water to 1.75 quarts per acre in 185 gallons of water	**Low Disease Pressure**:** Apply lower rate at first onset of disease. Repeat applications at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at first onset of disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.

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BRASSICAS CONTINUED

Disease	Application Method	Rate	Application Program
Root Rot (Phytophthora spp.)* Damping off (Pythium spp.)*	Aerial	0.75 to 1 quarts in 10 gallons of water per acre	Begin application after plants are established and conditions favor disease development. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.
	Foliar	0.75 to 1.25 quarts in 30 gallons of water per acre	
	Pre-plant seedling nursery treatment	0.75 quart in 100 gallons of water to nursery plants in seedling trays 1 to 7 days prior to out planting	
	Transplant and furrow application	2 pints at planting or to newly planted seedlings by side dressing or shank application	
Bacterial diseases*	Chemigation Overheard	0.75 to 1.25 quarts in 1000 gallons of water per acre	Apply with normal irrigation schedule. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.
	Chemigation Low volume	1.25 to 2 quarts in 100 gallons of water per acre	
Septoria* Colletotrichum* Alternaria* Powdery Mildew*	Foliar	0.75 to 1.25 quarts in 30 gallons of water per acre	**Low Disease Pressure**:** Apply lower rate at first onset of disease. Repeat applications at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at first onset of disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.

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CEREAL & FORAGE GRAINS

Apply **Agri-Fos® Systemic Fungicide Plus** to crops such as, but not limited to, Barley, Buckwheat, Field Corn, Hay, Indian Corn, Kudzu, Lespedeza, Lupin, Millet, Oats, Ornamental Corn, Popcorn, Rice, Rye, Sweet Corn, Teosinte, Trefoil, Sorghum, Triticale, Wheat and Wild Rice. Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia and Downy Mildew.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

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** Check with your local Extension Agent if you are unsure these conditions exist.

CITRUS - MATURE TREES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Root Rot and Collar Rot diseases in citrus such as, but not limited to Calamondin, Citrus Hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange (All Types), Pummelo and Satsuma Mandarin.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
	Trunk Injection	3 teaspoons per linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH). Inject directly in to tree.	Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications. Repeat 2-4 times a year until control is reached.
Downy Mildew	Foliar	1 to 3 quarts in a minimum of 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Brown Rot Root Rot (Phytophthora spp.)	Foliar	1.75 quarts per acre in a maximum of 250 gallons of water	When conditions favor disease, spray trees to run off ensure even coverage. Do not apply at high temperatures (above 95°F) particularly if humidity is low or to moisture-stressed trees.

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist.

CITRUS - MATURE TREES CONTINUED

Disease	Application Method	Rate	Application Program
Root Rot (Phytophthora nicotianae) Collar Rot (Phytophthora citrophthora)	Trunk spray	Mix 0.75 to 1.75 quarts in a minimum of 5 gallons of water with 1 to 3 fl. oz. of Supa Stik PN Bark Penetrating Surfactant	Spray trunk lesions with enough spray volume to ensure lesions are completely wet. When disease levels are high use higher rate.
Pre-harvest Blue and Green Mold, Brown Rot (Phytophthora citricola)	Foliar	1.25 quarts in up to 100 gallons of water per acre	Apply 2 to 4 weeks prior to harvest. Ensure fruit is thoroughly covered by the spray application.

*Not for use in California.
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COCONUTS

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Bud Rot and Nut Fall in Coconuts.

Disease	Application Method	Rate	Application Program
Bud Rot Nut Fall (Phytophthora palmivora)	Injection	1.25 to 4 tsp per tree	Dilute **Agri-Fos® Systemic Fungicide Plus** with water to give final injection volume of 1 fl. oz. to 2 fl. oz. of water and **Agri-Fos® Systemic Fungicide Plus**. Inject into the trunk or root system.

COTTON

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Damping-Off and Root Rot diseases in Cotton.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	

*Not for use in California.
** Check with your local Extension Agent if you are unsure these conditions exist

COTTON CONTINUED

Disease	Application Method	Rate	Application Program
Downy Mildew	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

*Not for use in California.
** Check with your local Extension Agent if you are unsure these conditions exist

CUCURBITS
Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew, Sudden Wilt, Gummy Stem Blight, Alternaria Leaf Blight, Bottom Soft Rot Complex, and for Suppression of Anthracnose in Cucurbits grown in field situations such as, but not limited to, Chayote, Cucumber, Chinese Wax Gourd, Citron Melon, Gherkin, Gourd, Honeydew Melon, Muskmelon, Pumpkin, Rock Melon, Watermelon and Squash (summer and winter) and Zucchini.

Disease	Application Method	Rate	Application Program
Sudden Wilt (Phytophthora spp.) Root Rot (Phytophthora Blight) and Fruit Rot (Phytophthora capsici)	Foliar	0.75 – 2 quarts per 100 gallons Apply 0.75 quarts per acre in 40 gallons of water (California only)	Entire spray coverage of plant is required. Do not exceed a total of 6 applications per season.
Gummy stem blight (Mycosphaerella melonis)	Foliar		Apply when disease is evident. Continue applications at 21 day intervals until cure is apparent. Do not exceed a total of 6 applications per season.
Downy mildew (Pseudoperonospora cubensis)	Foliar		Apply within 7 to 10 days of infection. Repeat as necessary. Do not exceed a total of 6 applications per season.
Powdery mildew and other Leaf Diseases such as Anthracnose and Alternaria Leaf Blight*	Foliar	1.25 to 1.75 quarts in 30 gallons of water per acre	**Low Disease Pressure**:** Apply lower rate at first onset of disease. Repeat applications at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at first onset of disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.
Bottom Soft Rot Complex*	Foliar	1.25 to 1.75 quarts in up to 100 gallons of water per acre	Apply after fruit set and during bulking 3 times during the growing season.

*Not for use in California.
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FRUITING VEGETABLES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Root Rot, Bacterial diseases, Alternaria Leaf Blight, and for Suppression of Anthracnose, in Eggplant, Tomatoes, Tomatillos And Peppers such as, but not limited to, Bell, Chili, Cooking, Pimento, and Sweet Chili.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

*Not for use in California.

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FRUITING VEGETABLES CONTINUED

Disease	Application Method	Rate	Application Program
Tomatoes/Tomatillos: Late Blight (Phytophthora infestans) Root Rot (Phytophthora spp.)	Foliar	1 quart per acre in 25 gallons of water to 1.25 quarts per acre in 250 gallons of water California: 0.75 quarts per acre in 90 gallons of water	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.
Bacterial Diseases*	Foliar	0.75 to 1.25 quarts in 30 gallons of water per acre	Begin application after plants are established and conditions favor disease development. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle. For control of bacterial leaf spot of tomatoes, apply the high rate of **Agri-Fos® Systemic Fungicide Plus** with registered bactericides.
	Aerial	0.75 to 1 quart in 10 gallons of water per acre	
	Pre-plant seedling: nursery treatment	0.75 quart in 100 gallons of water to nursery plants in seedling trays 1 to 7 days prior to planting out	
	Transplant and furrow application	2 pints at planting or to newly planted seedlings by side dressing or shank application	
	Chemigation Overhead	0.75 to 1.25 quarts in 1000 gallons of water per acre	Apply with normal irrigation schedule. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.
	Chemigation Low volume	1.25 to 2 quarts in 100 gallons of water per acre	
Leaf Diseases, such as: Anthracnose* Alternaria Leaf Blight*	Foliar	0.75 to 1.25 quarts in 30 gallons of water per acre	**Low Disease Pressure**:** Apply lower rate at first onset of disease. Repeat applications at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at first onset of disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.
	Aerial	0.75 to 1 quart in 10 gallons of water per acre	

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GRAPES AND VINES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew and Phomopsis in Grapes (all types), Raisins and Kiwi fruit.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
	Trunk Injection	3 teaspoons per linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH). Inject directly in to trunk.	Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications. Repeat 2-4 times a year until control is reached.
Downy mildew (Plasmopara viticola)	Foliar	Early season small canopy, 0.75 quarts per acre in 100 gallons water Late season/large canopy, 1.25 quarts per acre in 150 gallons water to 1.75 quarts per acre in 200 gallons water	It is essential that the rate of **Agri-Fos® Systemic Fungicide Plus** be adjusted to the vine-row volume, i.e., the volume of vine foliage per acre. Spray timing is critical. Apply **Agri-Fos® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** is applied to match vine growth, particularly from mid-season onwards, and especially where grapes are grown on root stock.

*Not for use in California.

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GRAPES AND VINES CONTINUED

Disease	Application Method	Rate	Application Program
Downy mildew (Plasmopara viticola)	Foliar	1 to 1.25 quarts in 50 gallons of water per acre **Agri-Fos® Systemic Fungicide Plus** is most effectively applied to control downy mildew when tank mixed with other registered fungicides	Apply a bud break with additional applications at 7 to 10 day intervals in a rotational program with other registered fungicides. Use higher rate and volume based on disease severity and density of canopy. Do not apply more than 6 times per crop cycle.
Powdery mildew* (Uncinula necator)	Foliar spray	1.25 to 1.75 quarts in 30 gallons of water per acre	**Low Disease Pressure**:** Apply lower rate at first onset of disease. Repeat applications at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at first onset of disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.
Phomopsis	Foliar	2 to 4 pints per acre	Prebloom, apply 50 gal/acre, postbloom apply 50-100 gal/acre. Key to controlling phomopsis is a season-long spray program on a 7-10 day interval starting at the 1-3 inch shoot stage. Do not exceed spray solution concentration of 0.5%.

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HERBS & SPICES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew and Powdery Mildew diseases of herbs and spices grown in fields, nurseries and greenhouses. Apply **Agri-Fos® Systemic Fungicide Plus** to plants such as, but not limited to, Allspice, Angelica, Anise, Annatto, Balm, Basil, Cardamom, Borage, Bumet, Caper Buds, Caraway, Catnip, Cassia Bark And Buds, Celery, Chamomile, Chervil, Chives, Cilantro, Cinnamon, Clary, Clove, Cocoa, Coriander, Costmary, Cumin, Curry Leaf, Dill, Fennel, Fenugreek, Horehound, Hyssop, Juniper Berry, Lavender, Lemongrass, Lovage, Mace, Marigold, Marjoram, Mint, Mustard, Nasturtium, Nutmeg, Parsley, Pennyroyal, Pepper, Poppy Seed, Rosemary, Rue, Saffron, Sage, Savory, Sweet Bay, Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff and Wormwood.

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.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plans become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 weeks intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

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HOPS

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew and Powdery Mildew in Hops.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist

LEAFY VEGETABLES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew, and other Fungal Leaf Diseases, and for Suppression of Anthracnose in leafy vegetables such as, but not limited to, Amaranth, Arugula, Cardoon, Celery, Chervil, Chicory, Chilies, Chrysanthemum, Corn Salad, Cress, Dandelion, Dock, Endive, Fennel, Lettuce, Orach, Parsley, Purslane, Radicchio, Rhubarb, Salsify, Spinach, Swiss chard, Tanier and Tobacco. Excludes flowering Brassica vegetables.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
White Rust (Spinach Only)	Foliar	3 to 4 pints per acre	Apply at 2-3 week intervals
Leaf Diseases such as: Anthracnose* (Colletotrichum spp.)* Leaf Blights (Septoria and Cercospora spp.)* Bacterial Rots (Erwinia spp.)*	Foliar	1 to 1.25 quarts in a 30 gallons of water per acre	**Low Disease Pressure**:** Apply lower rate at first onset of disease. Repeat applications at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at first onset of disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist

LEGUMES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew and other Fungal Leaf Diseases, and for Suppression of Anthracnose in legumes (succulent and dried) such as, but not limited to, Green Beans, Soybeans, Wax Beans, Field Beans, Navy Beans, Lima Beans, Fava Beans, Guar, Jackbean, Kidney Beans, Lablab Bean, Pinto Bean, Mung Beans, Broad Beans, Lentils, Chickpeas, English Peas, Snow Peas, Sugar Snap Peas, Sword Bean, Black-Eyed Peas, Cow Peas, and Pigeon peas.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 weeks intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Leaf Diseases such as: Anthracnose* (Colletotrichum spp.)* Leaf Blights (Septoria and Cercospora spp.)* Bacterial Rots (Erwinia spp.)*	Foliar	1.25 to 1.75 quarts in 30 gallons of water per acre	**Low Disease Pressure**:** Apply lower rate at the first onset of the disease. Repeat applications at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at the first onset of the disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist

MANGOS
Use **Agri-Fos® Systemic Fungicide Plus** for suppression of Anthracnose in Mangos.

Disease	Application Method	Rate	Application Program
Anthracnose (Colletotrichum gloeosporoides)	Foliar spray	1.25 tsp. per gallon of water	Spray tree every 14 days during blossom period, then monthly until harvest. Spray to the point of run-off.

MISCELLANEOUS CROPS
Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew, and other Bacterial Leaf Diseases, and for Suppression of Anthracnose in Canola, Coffee, Okra, Papaya, Persimmon, Sunflower, and Safflower.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	

*Not for use in California.
** Check with your local Extension Agent if you are unsure these conditions exist

MISCELLANEOUS CROPS CONTINUED

Disease	Application Method	Rate	Application Program
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Bacterial and Leaf Diseases such as: Coffee berry disease* (Colletotrichum spp.)* Anthracnose* (Colletotrichum spp.)* Leaf Spots Diseases* (Septoria and Cercospora spp.)*	Foliar	0.75 to 1.25 quarts in 100 gallons of water per acre	Begin application after plants are established and conditions favor disease development. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle. Apply as pre-plant dip to transplants immediately prior to planting. Dip plants momentarily and plant within 48 hours. Mix a fresh solution daily.
	Aerial	0.75 to 1.25 quarts in 10 gallons of water per acre	
	Root dip	Mix a 0.25% v/v solution (0.25 fl. oz. with 1 gallon of water)	
	Chemigation Overhead	1.25 to 2 quarts in 1000 gallons of water per acre	Apply with normal irrigation schedule. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.
	Chemigation Low Volume	1.25 to 2.5 quarts in 100 gallons of water per acre	
	Transplant and furrow application	2 pints at planting or to newly planted seedlings by side dressing or shank application	
Pseudomonas syringae pv garcae*	Foliar	Mix a 0.50% v/v solution (1.25 quarts per 100 gallons of water)	Apply prior to onset of disease. Apply spray to saturation or runoff.

*Not for use in California.
** Check with your local Extension Agent if you are unsure these conditions exist

NON-GRASS ANIMAL FEED

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Rhizoctonia, Fusarium, and Downy Mildew in forage crops such as, but not limited to, Alfalfa, Clover, Sainfoin and Vetch.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist

ONION

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew and Powdery Mildew in Onions, Garlic, Shallots, and Leeks. Use as a preventative control program for best results.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy mildew (Peronospora destructor)	Foliar	1.25 quarts per acre in 100 gallons water per acre	As a regular preventative control program or when disease first appears.
Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist

PEANUTS

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew, Leaf Spot Diseases, and for Suppression of Anthracnose in Peanuts.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia* Early and Late Leaf Spot* (Cercospora arachidicola* and Cerosporidium personatum)*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Leaf and Crown Diseases* Anthracnose* (Colletotrichum)*	Transplant and furrow application	2 pints at planting or to newly planted seedlings by side/top dressing or shank application	Begin application after plants are established and conditions favor disease development. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.

*Not for use in California.

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PINEAPPLES
Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew and Powdery Mildew in Pineapples.

Disease	Application Method	Rate	Application Program
Phytophthora Root Heart Rot (Phytophthora cinnamomi and parasitica spp)	Foliar spray (pre-harvest)	1.75 quarts in 25 to 50 gallons of 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.
	Pre-plant dip	0.75 quarts in 100 gallons water	
	Foliar	1.25 quarts in 100 gallons water	
Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

*Not for use in California.
** Check with your local Extension Agent if you are unsure these conditions exist

POTATOES POST HARVEST

Use **Agri-Fos® Systemic Fungicide Plus** only on russet-skinned Potatoes intended for processing for Suppression of Late Blight (Phytophthora infestans), Pink Rot (Phytophthora erythroseptica), and Powdery Mildew.

Disease	Application Method	Rate	Application Program
Late blight* (Phytophthora infestans)* Pink Rot* (Phytophthora erythroseptica)*	Spray on tubers	16.5 fl.oz in ½ 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.
Late blight* (Phytophthora infestans)* Pink Rot* (Phytophthora erythroseptica)*	Foliar	1.25 to 1.75 quarts in 50 gallons of water per acre	Begin application after plants are established and conditions favor disease development. **Low Disease Pressure**:** Apply lower rate at 1 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle. Late blight management using **Agri-Fos® Systemic Fungicide Plus** requires the high application rate and is most effectively applied when tank mixed with other registered fungicides.
	Seed piece spray	Mix a 15% v/v solution (0.25 quart with 2 quarts of water). Treat 2 tons of tubers per 1 gallon of solution	Treat seed pieces with a full coverage spray.
Powdery mildew*	Foliar	0.75 to 2 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 to 2 week intervals. Do not apply more than 4 times per crop cycle. **High Disease Pressure**:** Apply higher rate at the first onset of the disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 4 times per crop cycle.

*Not for use in California.

ROOT AND TUBER VEGETABLES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Powdery Mildew, Pink Rot and Late Blight in root and tuber vegetables such as, but not limited to, Arraccacha, Arrowroot, Beet, Burdock, Canna, Carrot, Cassava, Celeriac, Ginger, Ginseng, Potatoes, Radish, Rutabaga, Skirret, Sugar Beet, Sweet Potatoes, Turmeric, Turnip and Yam (all varieties).

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip immediately prior to planting (100 gallons is intended to treat the number of slips required to plant one acre).
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
Carrots: Phytophthora spp. Pythium spp.	Foliar	1 quarts per acre in 25 gallons of water to 1.25 quarts per acre in 250 gallons of water.	Apply at 14-day intervals after plant emergence, as needed. Assure good coverage.
Potatoes, Sweet Potatoes, Yams: Pink rot Pythium leak (Phytophthora erythroseptica and Pythium spp.)	In-furrow spray	1.25 to 3.25 quarts per acre in 10 gallons water	Apply in a band spray directly over top of potato seed just before row is closed.
Potatoes, Sweet Potatoes, Yams: Late Blight Pink Rot Pythium Leak (Phytophthora infestans, Phytophthora erythroseptica and Pythium spp.)	Foliar	0.75 quarts per acre in 90-375 gallons water per acre	Apply at 5 to 14 day intervals subject to disease incidence.

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist

ROOT AND TUBER VEGETABLES CONTINUED

Disease	Application Method	Rate	Application Program
Downy Mildew Powdery Mildew*	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	

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STONE FRUIT

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Root and Collar Rot, Almond Pruning Wound, and various Canker Disease in stone fruit such as, but not limited to, Apricots, Sweet And Tart Cherries, Nectarines, Olives, Peaches, Plums, and fresh Prunes.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
	Trunk Injection	3 teaspoons per linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH). Inject directly in to tree.	Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications. Repeat 2-4 times a year until control is reached.

*Not for use in California.
** Check with your local Extension Agent if you are unsure these conditions exist

STONE FRUIT CONTINUED

Disease	Application Method	Rate	Application Program
Downy Mildew	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Root and Collar Rot* (Phytophthora spp.)*	Foliar	1.75 quarts per acre in 250 gallons water	Three treatments are required 1. Spring 2. Mid-summer 3. Fall, post-harvest
	Basal bark spray, apply in spring and fall	40.5 fl. oz. + 62.5 fl. oz. of water + 3.25 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** and Supa Stik PN-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.
Almond pruning Wound Cankers* (Phytophthora syringae)*	Paint or spray	0.75 to1.75 quarts in 100 gallons water	Apply to pruning wound and surrounding area, ensure area is thoroughly wet. In high disease situations use higher rate.
Suppression of Armillaria* Root Rot* (Armillaria luteobublina)*	Basal bark spray	1 to 1.25 quarts + 2 quarts water + 1% Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** 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 Armillaria root rot, make a fall application prior to leaf senesce and a spring application for best results. For trees less than 18 inches DBH, make an early spring application.

*Not for use in California.
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STRAWBERRIES

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Leather Rot, Red Stele, Phytophthora, foliar and Bacterial Disease, and Downy Mildew in Strawberries and Suppression of Powdery Mildew.

Disease	Application Method	Rate	Application Program
Phytophthora, Pythium spp. (Red Steele, Leather Rot, and Root Rot) Foliar Fungal and Bacterial Diseases* such as: Rhizopus* Xanthomonas*	Pre-planting dip	0.75 quarts in 100 gallons water	Dip planting material in this solution for 30 minutes, then plant within one day. Use program for annual and perennial varieties. Annual crops, first treatment 14 to 21 days post planting, repeat at 1-2 month intervals when disease is evident. Perennial crops, first treatment during spring growth flush, repeat at 1-2 month intervals when disease is evident. For susceptible varieties us higher rates and shorter spray intervals. For leather rot, apply at 10% bloom and early fruit set, then 1 to 2 week intervals as required for disease control. In high disease situations, use higher rate and shorter spray intervals. Grey mold and Anthracnose suppression using **Agri-Fos® Systemic Fungicide Plus** requires use of high application rates and is most effective when tank mixed with other registered fungicides.
	Foliar	0.75 to 2 quarts in 50 to 100 gallons of water per acre	
	Transplant and furrow	2 pints at planting or to newly planted seedlings by side dressing or shank application	
Phytophthora spp.*	Dip	Mix a 0.25% v/v solution (0.75 quart in 100 gallons of water)	Dip runners in the solution for 1 to 2 minutes. Plant within 48 hours. Mix a fresh solution daily.
Suppression of Powdery Mildew*	Foliar	1.25 to 1.75 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 to 2 week intervals. Do not apply more than 6 times per crop cycle. **High Disease Pressure**:** Apply higher rate at the first onset of the disease. Repeat applications at 7 to 10 day intervals. Do not apply more than 6 times per crop cycle.

*Not for use in California.

** Check with your local Extension Agent if you are unsure these conditions exist

STRAWBERRIES CONTINUED

Disease	Application Method	Rate	Application Program
Downy Mildew	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	

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TREE NUTS

Use **Agri-Fos® Systemic Fungicide Plus** for effective control of Phytophthora, Pythium, Fusarium, Rhizoctonia, Downy Mildew, Pecan Scab, and Pruning-Wound Canker disease in tree nuts such as, but not limited to, Almonds, Beech Nuts, Brazil Nuts, Butternuts, Cashews, Chestnuts, Chinquapin, Filbert, Hazelnuts, Hickory Nuts, Macadamia Nuts, Palm, Pecans, Pistachios, and Walnuts.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium* Rhizoctonia*	Foliar	1 to 3 quarts in 100 gallons of water per acre	**Disease Prevention Program**:** Apply lower rate at 2-4 week intervals after plants become established. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days. **Disease Control Program:** Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm Advisor or crop expert to determine disease severity. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre	
	Root Dip	2 quarts per 100 gallons of water	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2 to 4 quarts in at least 100 gallons of water	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
		Drip: 2 to 3 quarts in at least 100 gallons of water	
	Trunk Injection	3 teaspoons per linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH). Inject directly in to tree.	Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications. Repeat 2-4 times a year until control is reached.

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** Check with your local Extension Agent if you are unsure these conditions exist

TREE NUTS CONTINUED

Disease	Application Method	Rate	Application Program
Downy Mildew	Foliar	1 to 3 quarts in 100 gallons of water per acre	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply **Agri-Fos® Systemic Fungicide Plus** at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of 10 gallons of water per acre.	
Macadamia nuts: Raceme blight* (Phytophthora spp.)*	Foliar	2.5 quarts per acre in 250 gallons of water	Apply when disease is first seen and reapply at 3 week intervals. Spray to the point of run-off.
Pecan scab	Foliar	2 to 3 pints in 100 gallons of water per acre	Apply **Agri-Fos® Systemic Fungicide Plus** in a preventative spray schedule beginning at bud break and continue on a 10-14 day interval. Apply preventatively with other products shown to be effective against pecan scab.
Pruning wound Crown and Trunk Cankers* (Phytophthora spp.)	Trunk spray	1.25 quarts + 2 quarts of water + 1% Supa Stik PN Bark Penetrating Surfactant	Apply higher rate when lesions are present. Clean wound sites and apply on and around the lesions using enough spray volume to thoroughly wet the lesions. Apply to the trunk form the soil line to 5 feet up the trunk. Apply one time in the Spring, Summer, and Fall.
Tree cankers*	Basal bark spray	1 to 1.25 quarts + 2 quarts water + 1% Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** 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 Armillaria root rot, make a fall application prior to leaf senesce and a spring application for best results. For trees less than 18 inches DBH, make an early spring application.

*Not for use in California.
** Check with your local Extension Agent if you are unsure these conditions exist.

SEED TREATMENT APPLICATIONS

Use **Agri-Fos® Systemic Fungicide Plus** 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. Dye used to color treated seed must be an EPA approved dye (refer to 40 CFR 153-155 (c). Seed treatment on agricultural establishment in hopper-box, planter box, or other 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.

Disease	Application Method	Rate
Phytophthora* Pythium* Fusarium spp.*	Can be applied at-planting or in commercial seed treatment operations	5.25 - 15.5 fl. oz. **Agri-Fos® Systemic Fungicide Plus** per 100 lbs of seed or 4-10 quarts **Agri-Fos® Systemic Fungicide Plus** per ton of seed, depending on the size of the seeds to be treated

*Not for use in California.

GRASS GROWN FOR SEED PRODUCTION

Use **Agri-Fos® Systemic Fungicide Plus** 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* Pythium spp.*	Foliar spray	1 quart per acre in 25 gallons of water to 1.25 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® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** to trees such as, but not limited to, Ash, Azalea, Beech, Black Locust, Buckeye, Catalpa, Cedar, Cherry – Stone fruits, 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* Pythium spp.* Phytophthora ramorum*	Injection	7.25 fl. oz. per 21 fl. oz. of water Or ½ tsp. per tsp. of water	Drill holes 3/16 inch 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.
	Basal bark spray (all other tree species) apply in spring and fall Best for thin bark trees such as maples, lindens, sycamores, and dogwoods	40.5 fl. oz. + 62.5 fl. oz. of water + 1.5 to 3.0 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** 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	0.75 gallon of **Agri-Fos® Systemic Fungicide Plus** + 2 gallons of water + 4 fl. oz. 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) Gnomonia platani* (Sycamore Anthracnose)	Injection	2.5 tsp per tree of a 1 gallon **Agri-Fos® Systemic Fungicide Plus** + 2 gallons of water 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	1½ to 2 quarts per 100 gallons of water	First application pre bloom (bud swell or silver tip stage). Application intervals: 7 days until end of bloom period. Apply spray to thoroughly wet all foliage.

*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://www.suddenoakdeath.org/about-sudden-oak-death/history-background. 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.

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

Disease	Application Method	Rate	Application Program
Suppression of Anthracnose**	Foliar	1.25 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® Systemic Fungicide Plus** or other fungicide compound with efficacy on Anthracnose.
	Basal bark spray apply early spring at bud swell until green tip stage of growth	40.5 fl. oz. + 62.5 fl. oz. of water + 1.5 to 3.0 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** 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 senesce and a spring application for best results. For trees less than 18 inches DBH, make an early spring application.
Suppression of Verticillium Wilt**	Foliar	1.25 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.

*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://www.suddenoakdeath.org/about-sudden-oak-death/history-background. 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.

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

Disease	Application Method	Rate	Application Program
	Basal bark spray	1 to 1.25 quarts + 2 quarts of water + 2 fl. oz. Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** 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 senesce and a spring application for best results. For trees less than 24 inches DBH, make an early spring application.
Black spot** (Diplocarpon spp.)	Foliar	0.75 to 1.25 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://www.suddenoakdeath.org/about-sudden-oak-death/history-background. 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® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** to plants such as, but not limited to, Aglaonema, Anthurium, Aphelandra, Arborvitae, Azaleas, Bougainvillea, boxwood, Cattelya skinneri, Ceanothus, Cotoneaster, Cissus, Dieffenbachia, 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 (Xanthomonas campestris) pathovars: Dieffenbachia Syngonium	Foliar	1.25 to 2.5 pints per 100 gallons of water Or 1.25 to 2.5 tsp. per gallon of water	Apply spray to thoroughly wet all foliage. Application intervals: 7 to 14 days Repeat as required.
Downy mildew	Foliar	1 to 1.75 quarts in 100 gallons of water per acre	Apply spray to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.
Phytophthora spp. Phytophthora ramorum, Pythium spp.	Foliar	0.75 to 1.25 quarts per 100 gallons of water Or 1.50 to 2.5 tsp. per gallon 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 drench	4 - 8.25 fl. oz. per 100 gallons of water	
	Soil incorporation	0.75 - 1.25 pints per cubic yard of soil	Just prior to potting, mix 1 to 2 pts. of **Agri-Fos® Systemic Fungicide Plus** into each cubic yard of growing media. If disease pressure is high, apply foliar spray or soil drench.
	Bare rooted dipping of transplants	1.25 pints per 100 gallons of water Or 1.25 tsp. per gallon	Immediately before transplanting, dip transplants for two minutes, keep roots submerged, ensure root mass is thoroughly wet.

*Not for use in California

** Check with your local Extension Agent if you are unsure these conditions exist

ORNAMENTAL APPLICATIONS CONTINUED

Disease	Application Method	Rate	Application Program
Powdery mildew*	Foliar	1 to 1.75 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	1.25 to 1.75 quarts in 50 gallons of water per acre	Apply prior to onset of disease. Apply spray to saturation or runoff.
Black Soot* (Diplocarpon spp.)*	Foliar	0.75 to 1.25 quarts in 50 gallons of water per acre	Apply uniformly to foliage preventatively or at first sign of disease.

*Not for use in California
** Check with your local Extension Agent if you are unsure these conditions exist

NURSERY AND BEDDING PLANTS

Use **Agri-Fos® Systemic Fungicide Plus** 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® Systemic Fungicide Plus** to plants such as, but not limited to, Ageratum, Aglaonema, Algerian Ivy, Anthurium, Aphelandra, Arborvitae, Artemesia, 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, Poinsettia, Pothos, Primrose, Prostrate Rosemary, Rhododendron, Salvia, Schefflera, Sedum, Sempervivum, Snapdragon, Spathiphyllum, Taxus media, Verbena, Vinca, White Cedar, White Pine, Zinnia, and Zygocactus. **Agri-Fos® Systemic Fungicide Plus** may also be used for Vegetable Transplants grown in Greenhouse, Lathehouse, 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	0.75 to 1.75 quarts per 100 gallons of water Or 0.25 to 0.50 fl. oz. per gallon of water	Apply spray to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.

*Lavender applications.

NURSERY AND BEDDING PLANTS CONTINUED

Disease	Application Method	Rate	Application Program
Phytophthora spp Pythium spp.	Foliar	0.75 to 1.25 quarts per 100 gallons of water Or 1.5 to 2.5 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	4 to 8.25 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	1.25 quarts per acre	Apply spray in 20-60 gallons per acre.
	Hand gun	1.25 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® Systemic Fungicide Plus** 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 spp.	Foliar	1 to 2 quarts per 100 gallons of water	Apply spray to thoroughly wet all foliage. Application intervals: 14 to 21 days. Repeat as required.
	Soil drench	11 fl. oz – 21 fl.oz per gallons of water	Apply one gallon of solution per sq yd. Follow application with irrigation. Application intervals: 14 to 21 days. Repeat as required.
	Root dip	2 quarts per 100 gallons of water	Apply as a pre-plant dip to roots for 15-30 minutes. Plant within 24 hours after dipping.
Fusarium subglutinans (Pine Pitch Canker)*	Basal bark spray apply any time active growth is observed	0.75 gallon **Agri-Fos® Systemic Fungicide Plus** + 2 gallons of water + 4 fl. oz. of Supa Stik PN Bark Penetrating Surfactant	Spray a combination of **Agri-Fos® Systemic Fungicide Plus** 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.

*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.

CONIFERS IN COMMERCIAL NURSERIES, PLANTATIONS AND FORESTS (INCLUDING CHRISTMAS TREES) CONTINUED

Disease	Application Method	Rate	Application Program
Fusarium subglutinans (Pine Pitch Canker)*	Injection	2.5 tsp per tree of a 1 gallon **Agri-Fos® Systemic Fungicide Plus** + 2 gallons of water	Drill holes 3/16 inch in diameter and 1 inch to 2 inches 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® Systemic Fungicide Plus** for the effective control of Rhizoctonia, Pythium, 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 spp.	Foliar	3.25 to 6.50 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	3.25 to 6.50 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	3.25 to 6.50 fl. oz. in 2 gallons of water per 1000 sq. ft.	Apply prior to onset of disease. Apply every 7 to 14 days.

*Not for use in California

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:
Non-refillable 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.