4/25/2006

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MASTER LABEL

DM FOSPHITE FUNGICIDE

A FUNGICIDE FOR THE CONTROL OF DOWNY MILDEW, PHYTOPHTHORA, PYTHIUM AND VARIOUS OTHER DISEASES ON AGRICULTURAL AND GREENHOUSE CROPS, INDOOR AND OUTDOOR ORNAMENTALS, BEDDING PLANTS AND FORESTREY APPLICATIONS AND DOMESTIC TREES INCLUDING CONIFERS, PINES, OAKS AND TURF

OTHER INGREDIENTS:47%	
ГОТАL100%	

A: SUBLABEL – COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS SUBJECT TO WORKER PROTECTION STANDARD

B: SUBLABEL – HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL APPLICATORS (NOT SUBJECT TO WORKER PROTECTION STANDARD)

EPA	REG NO.	34704-
EPA	EST NO.	





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A: SUBLABEL – COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS SUBJECT TO WORKER PROTECTION STANDARD

DM FOSPHITE FUNGICIDE

A FUNGICIDE FOR THE CONTROL OF DOWNY MILDEW, PHYTOPHTHORA, PYTHIUM AND VARIOUS OTHER DISEASES ON AGRICULTURAL AND GREENHOUSE CROPS, INDOOR AND OUTDOOR ORNAMENTALS, BEDDING PLANTS AND FORESTREY APPLICATIONS AND DOMESTIC TREES INCLUDING CONIFERS, PINES, OAKS AND TURF

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside label booklet for First Aid and additional Precautionary Statements.

NET CONTENTS: 1 Gallon (3.785 liters)

2 ½ Gallons (9.463 liters) 5 gallons (18.925 liters)

Bulk containers (100 - 4000 gallons)

EPA REG. NO 34704-

EPA EST NO. 34704-MS-1

Loveland
PRODUCTS INC.
P.O. Box 1286
Greeley, CO 80632
1-800-356-7202

^{*}Contains 6.22 lbs./gallon of active ingredients, mono- and dipotassium salts of Phosphorous Acid. Equivalent to 3.90 lbs. Phosphorous Acid/gallon.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

	FIRST AID STATEMENTS
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
	ontainer or label with you when calling a poison control center or doctor, or going for FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: .7976.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks and protective eyewear

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS BOX

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment 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 person, 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 regulation.

AGRICULTURAL USE REQUIREMENTS:

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Workers Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is: coveralls over long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves 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.

GENERAL APPLICATION INSTRUCTIONS

Apply DM FOSPHITE by various application methods, including foliar sprays, trunk injection, soil drench, soil incorporation, and bare root dip. For foliar sprays, apply DM FOSPHITE with sufficient water for adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet.

GENERAL APPLICATION INSTRUCTIONS (TRUNK INJECTION ONLY)

DM FOSPHITE is a systemic fungicide for the prevention and treatment of downy mildew, Sudden Oak Death (*Phytophthora ramorum*), root rots (*Phytophthora spp.*), pythium and various other disease of agricultural trees, indoor and outdoor ornamentals, forestry applications including domestic trees, conifers, pines and oaks. This product may be applied up to the day of harvest.

MIXING INSTRUCTIONS

- 1. Fill the spray tank with 1/2 of the required volume of water.
- 2. Add DM FOSPHITE slowly to the tank and agitate by hydraulic or mechanical means.
- 3. Continue to fill the tank with water to the desired volume while agitating.
- 4. Continue agitation when applying.

For 1 gallon (3.785 liters) container sizes: this package can treat up to 34,848 sq. ft. at the maximum treatment rate.

For 2 1/2 gallon (9.463 liters) container sizes: this package can treat up to 2 acres at the maximum treatment rate.

For 5 gallon (18.925 liters) container sizes: this package can treat up to 4 acres at the maximum treatment rate.

LOW VOLUME AND ULTRA-LOW VOLUME APPLICATIONS

Label rates are written for conventional application equipment. For LV/ULV equipment, use per acre rate of DM FOSPHITE and adjust amount of water to equipment needs. Always conduct a phytotoxicity test on a small area before applying to a large area in order to asses any potential risk to plants.

COMPATIBILITY

Mixing DM FOSPHITE with certain surfactants, foliar fertilizers or other pesticides may cause crop injury. DM FOSPHITE is a slightly acidic buffer solution. Avoid mixing DM FOSPHITE with strongly acidic or alkaline materials. Do not tank mix without first testing the mixture's compatibility nor apply it without assessing its safety to the crop (phytotoxicity). It is not possible to test all material combinations and environmental tank mix combinations. Always conduct a test with the intended tank mix on a small area prior to any large scale applications. To determine if a combination is phytotoxic to a specific crop, spray a small area of foliage and fruit, and then evaluate 3-7 days later for visual symptoms.

Test the compatibility of spray adjuvants (i.e. stickers, spreaders, wetting agents) with DM FOSPHITE before use. Do not use acidifying type compatibility agents.

To determine the compatibility of DM FOSPHITE with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to clean container, thoroughly mix, then let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible.

COMPATIBILITY (TRUNK INJECTION ONLY): Use only DM FOSPHITE alone when used as a trunk injection. To avoid undesirable phytotoxicity, do not apply DM FOSPHITE to trees treated with other pesticides or copper based compounds at intervals less than 20 days, unless instructed to do so by your consultant.

CHEMIGATION

APPLICATIONS THROUGH SPRINKLER AND DRIP IRRIGATION SYSTEMS

Apply this product through microjet, drip, solid set and center pivot sprinkler irrigation systems. Do not apply this product through any other type of irrigation system.

PREPARATION OF INJECTION EQUIPMENT: Remove scale, pesticide residues and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: Fill tank with 1/2 to 3/4 of desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of DM Fosphite, then the remaining volume of water. Set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the solution of DM FOSPHITE into the irrigation water line so as to deliver the desired rate per acre. Inject the DM FOSPHITE solution with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. For other questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: For Microjet and Drip Irrigation Systems: Avoid further irrigation of the treated area for 24 to 48 hours after treatment with DM FOSPHITE has been completed. For Solid Set and Center Pivot Irrigation Systems: Avoid further irrigation of the DM FOSPHITE treated area until after the foliage has completely dried. This will help to prevent washing the chemical off the crop.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER AND DRIP IRRIGATION SYSTEMS

The 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 back flow. 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. Do not apply when wind speed favors drift beyond the area intended for treatment.

Maintain continuous agitation in mix tank during mixing and application to assure uniformity solution. Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution, or when lines containing the product must be dismantled or drained. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of chemigation water.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut down and adjust the system as needed.

Do not connect an irrigation system (including greenhouse system) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.

GENERAL INSTRUCTIONS FOR APPLICATIONS FOOD CROPS

DM FOSPHITE fungicide is used for control of Downy Mildew, Powdery Mildew, Erwinia amylovora, Pythium, Fusarium, Rhizoctonia and Phytophthora disease (such as purple blotch, late blight, blue mold, soft rot, root rot, brown rot, foot rot, crown/collar rot, canker, fruit/foliar rot, fire blight, heart rot, pink rot, pythium leak, red stele, leather rot, etc.) of agronomic crops. (See specific crop groupings for additional diseases.) This product may be applied up to the day of harvest.

DM FOSPHITE is applied to plants including:

Berry Crop Grouping: Blackberry (including bingberry, black satin berry, boysenberry, Cherokee blackberry, Chesterberry, Cheyenne blackberry, coryberry, darrowberry, dewberry, Dirksen thornless berry, Grapes (all types), Himalayaberry, hullberry, Lavacaberry, lowberry, Lucretiaberry, mammoth blackberry, marionberry, nectarberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee blackberry, youngberry, and varieties and/or hybrids of these), Blueberry, Cane Berries, Cranberry, Currant, Elderberry, Gooseberry, Huckleberry, Loganberry, Raspberry (black and red) and Strawberry.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium	Foliar	1 to 3 quarts in a minimum of 20 gallons of water/acre.	Disease Prevention Program*: Apply lower rate at 2-4 week intervals after
Fusarium Rhizoctonia Xanthomonas	or	(5 to 7 liters in minimum of 100 liters of water/hectare)	plants become established. Do not apply DM Fosphite at intervals less than 3 days. Disease Control Program:
campestris Anthracnose	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters of water/hectare.)	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 DM Fosphite at intervals less than 3 days.
	Root Dip	2 quarts/100 gallons of water, 2/3 fluid ounce/gallon of water. (5 liters/1000 liters of water)	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2-4 quarts in at least 100 gallons of water. (7-9 liters in at least 1000 liters of water) Drip: 2-3 quarts in at least 100 gallons of water. (5-7 liters in at least 1000 liters of water)	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
Downy	Foliar	1 to 3 quarts in a minimum of 20	Apply at 2-3 week intervals. Follow Disease
Mildew Powdery Mildew	or	gallons of water/acre. (5 to 7 liters in minimum of 100 liters of water/hectare)	Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
* (1 1 1 1 1 1	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters of water/hectare.)	

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

Brassica Crop Grouping: Broccoli (all types), Brussels sprouts, Cabbage (all types), Cauliflower, Cavalo broccoli, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach and Rape greens.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar	1 to 3 quarts in a minimum of	Disease Prevention Program*:
Pythium		20 gallons of water/acre.	Apply lower rate at 2-4 week intervals after
Fusarium	or	(5 to 7 liters in minimum of	plants become established. Do not apply DM
Rhizoctonia		100 liters of water/hectare)	Fosphite at intervals less than 3 days.
Xanthomonas			Disease Control Program:
campestris	Aerial	1 to 3 quarts in a minimum of	Apply higher rate at 2-3 week intervals until
Anthracnose	Application	10 gallons of water/acre.	control is reached. Consult with Farm
		(5 to 7 liters in a minimum of	Advisor or crop expert to determine disease
		75 liters of water/hectare.)	severity. Do not apply DM Fosphite at
		4	intervals less than 3 days.
	Root Dip	1 quart/100 gallons of water,	Apply as pre-plant dip immediately prior to
	!	1/3 fluid ounce/ gallon of	planting. (100 gallons is intended to treat the
		water.	number of slips required to plant one acre).
		(2.5 liters/1000 liters of water)	
!	Irrigation	Overhead: 2-4 quarts in at least	Apply with normal irrigation schedule.
l		100 gallons of water.	Follow Disease Prevention Program or
		(7-9 liters in at least 1000 liters	Disease Control Program as stated above.
		of water)	Do not apply DM Fosphite at intervals less
		Drip: 2-3 quarts in at least 100	than 3 days
Í		gallons of water. (5-7 liters in	
		at least 1000 liters of water)	
Downy	Foliar	1 to 3 quarts in a minimum of	Apply at 2-3 week intervals. Follow Disease
Mildew		20 gallons of water/acre.	Prevention Program or Disease Control
Powdery	ог	(5 to 7 liters in minimum of	Program as stated above. Do not apply DM
Mildew		100 liters of water/hectare)	Fosphite at intervals less than 3 days.
	Aerial	1 to 3 quarts in a minimum of	
	Application	10 gallons of water/acre.	
		(5 to 7 liters in a minimum of	
		75 liters of water/hectare.)	

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

Cereal Grains, Forage and Fiber Crop Grouping: Alfalfa, Barley, Buckwheat, Canola, Clover (all types), Corn (all types), Cotton, Hay, Kudzu, Lespedeza, Lupin, Millet, Oats, Popcorn, Rice, Rye, Safflower, Sainfoin, Sorghum, Sunflower, Teosinte, Trefoil, Triticale, Vetch, Wheat and Wild rice.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium	Foliar .	1 to 3 quarts in a minimum of 20 gallons of water/acre.	Disease Prevention Program*: Apply lower rate at 2-4 week intervals after
Fusarium Rhizoctonia Xanthomonas	or	(5 to 7 liters in minimum of 100 liters of water/hectare)	plants become established. Do not apply DM Fosphite at intervals less than 3 days. Disease Control Program:
campestris Anthracnose	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters of water/hectare.)	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 DM Fosphite at intervals less than 3 days.
	Irrigation	Overhead: 2-4 quarts in at least 100 gallons of water. (7-9 liters in at least 1000 liters of water) Drip: 2-3 quarts in at least 100 gallons of water. (5-7 liters in at least 1000 liters of water)	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
Downy Mildew	Foliar or	1 to 3 quarts in a minimum of 20 gallons of water/acre. (5 to 7 liters in minimum of 100 liters of water/hectare)	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters of water/hectare.)	

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

Citrus Crop Grouping (Bearing and Non-Bearing) including Avocado: Avocado, Calamondin, Citrus hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange (all types), Pummelo and Satsuma madarin.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar	1 to 3 quarts in a minimum	Disease Prevention Program*:
Pythium		of 100 gallons of water/acre.	Apply lower rate at 2-4 week intervals after
Fusarium	or	(5 to 7 liters in a minimum of	plants become established. Do not apply DM
Rhizoctonia	1	1000 liters of water/hectare)	Fosphite at intervals less than 3 days.
Xanthomonas	Aerial	Í	Disease Control Program:
campestris	Application	1 to 3 quarts in a minimum	Apply higher rate at 2-3 week intervals until
•	1.	of 10 gallons of water/acre.	control is reached. Consult with Farm Advisor
		(5 to 7 liters in a minimum of	or crop expert to determine disease severity.
		75 liters/hectare.)	Do not apply DM Fosphite at intervals less
		,	than 3 days.
	Root Dip	2 quarts/100 gallons of water,	Apply as pre-plant dip to the roots for 15-30
	•	2/3 fluid ounces/gallon of	minutes. Plant within 24 hours after dipping.
		water	1
		(5 liters/1000 liters of water)	
	Irrigation	Overhead: 2-4 quarts in at	Apply with normal irrigation schedule. Follow
		least 100 gallons of water.	Disease Prevention Program or Disease
		(7-9 liters in at least 1000	Control Program as stated above. Do not
		liters of water)	apply DM Fosphite at intervals less than 3
		Drip: 2-3 quarts in at least 100	days.
		gallons of water. (5-7 liters in	
		at least 1000 liters of water)	
	Trunk Injection	3 teaspoons/linear yard of	Apply according to injection equipment
		canopy width or 2 inch of	instructions. Adjust rate based on injection
		trunk diameter at breast height	equipment suggestions for specific
		(DBH) (15 milliliters/linear	applications. Repeat 2-4 times a year until
		meter of canopy width or 5	control is reached.
		centimeters DBH.) Inject	
		directly in to tree.	
Downy	Foliar	1 to 3 quarts in a minimum	Apply at 2-3 week intervals. Follow Disease
Mildew		of 100 gallons of water/acre.	Prevention Program or Disease Control
}	or	(5 to 7 liters in a minimum of	Program as stated above. Do not apply DM
}		1000 liters of water/hectare)	Fosphite at intervals less than 3 days.
	Aerial		
	Application	1 to 3 quarts in a minimum	
		of 10 gallons of water/acre.	
		(5 to 7 liters in a minimum of	
		75 liters/hectare.)	

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

Cucurbit Crop Grouping: Chayote, Chinese waxgourd, Citron melon, Cucumber (all types), Gherkin, Gourd, Muskmelon, Pumpkin, Squash (summer and winter) and Watermelon.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar	1 to 3 quarts in a minimum of	Disease Prevention Program*:
Pythium		20 gallons of water/acre.	Apply lower rate at 2-4 week intervals after plants
Fusarium	or	(5 to 7 liters in minimum of	become established. Do not apply DM Fosphite at
Rhizoctonia		100 liters of water/hectare)	intervals less than 3 days.
Anthracnose		Í	Disease Control Program:
	Aerial	1 to 3 quarts in a minimum of	Apply higher rate at 2-3 week intervals until
	Application	10 gallons of water/acre.	control is reached. Consult with Farm Advisor or
	**	(5 to 7 liters in a minimum of	crop expert to determine disease severity. Do not
		75 liters of water/hectare.)	apply DM Fosphite at intervals less than 3 days.
	Irrigation	Overhead: 2-4 quarts in at	Apply with normal irrigation schedule. Follow
	-	least 100 gallons of water.	Disease Prevention Program or Disease
		(7-9 liters in at least 1000	Control Program as stated above. Do not apply
	1	liters of water)	DM Fosphite at intervals less than 3 days.
		Drip: 2-3 quarts in at least 100	
		gallons of water. (5-7 liters in	
		at least 1000 liters of water)	
Downy	Foliar	1 to 3 quarts in a minimum of	Apply at 2-3 week intervals. Follow Disease
Mildew		20 gallons of water/acre.	Prevention Program or Disease Control
Powdery	Or	(5 to 7 liters in minimum of	Program as stated above. Do not apply DM
Mildew		100 liters of water/hectare)	Fosphite at intervals less than 3 days.
Į	Aerial	1 to 3 quarts in a minimum of	
	Application	10 gallons of water/acre.	
	1	(5 to 7 liters in a minimum of	
		75 liters of water/hectare.)	

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

Herbs and Spices Crop Grouping:: Allspice, Angelica, Anise, Annatto, Balm, Basil, Borage, Bumet, Camomile, Caper buds, Caraway, Cardamom, Cassia bark and buds, Catnip, Celery seed, Chervil, Chive, Cinnamon, Clary, Clove, Cocoa, Coriander, Costmary, Cilantro, Cumin, Curry, Dill, Fennel, Fenugreek, Grains of paradise, Hops, 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.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar	1 to 3 quarts in a minimum of	Disease Prevention Program*:
Pythium	1	20 gallons of water/acre.	Apply lower rate at 2-4 week intervals after plants
Fusarium	Or	(5 to 7 liters in minimum of	become established. Do not apply DM Fosphite at
Rhizoctonia		100 liters of water/hectare)	intervals less than 3 days.
		·	Disease Control Program:
	Aerial	1 to 3 quarts in a minimum of	Apply higher rate at 2-3 week intervals until
	Application	10 gallons of water/acre.	control is reached. Consult with Farm Advisor or
		(5 to 7 liters in a minimum of	crop expert to determine disease severity. Do not
		75 liters of water/hectare.)	apply DM Fosphite at intervals less than 3 days.
	lrrigation	Overhead: 2-4 quarts in at	Apply with normal irrigation schedule. Follow
		least 100 gallons of water.	Disease Prevention Program or Disease
		(7-9 liters in at least 1000	Control Program as stated above. Do not apply
•		liters of water)	DM Fosphite at intervals less than 3 days.
		Drip: 2-3 quarts in at least 100	
ĺ		gallons of water. (5-7 liters in	
_	<u> </u>	at least 1000 liters of water)	
Downy	Foliar	1 to 3 quarts in a minimum of	Apply at 2-3 week intervals. Follow Disease
Mildew		20 gallons of water/acre.	Prevention Program or Disease Control
Powdery	Or	(5 to 7 liters in minimum of	Program as stated above. Do not apply DM
Mildew		100 liters of water/hectare)	Fosphite at intervals less than 3 days.
	!		
	Aerial	1 to 3 quarts in a minimum of	
	Application	10 gallons of water/acre.	
		(5 to 7 liters in a minimum of	
		75 liters of water/hectare.)	

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

Legume Vegetables Crop Grouping: Bean (all types), broad bean (fava bean), Chick pea (garbanzo bean), Guar, Jackbean, Lablab bean, Lentil, Pea (all types), Peanut, Pigeon pea, Soybean and Sword bean.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium Rhizoctonia Early and Late Leaf Spot on Peanut (Cercospora	Foliar Or Aerial Application	1 to 3 quarts in a minimum of 20 gallons of water/acre. (5 to 7 liters in minimum of 100 liters of water/hectare) 1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum	Disease Prevention Program*: Apply lower rate at 2-4 week intervals after plants become established. Do not apply DM Fosphite 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
arachidicola and Cercosporidium		of 75 liters of water/hectare.)	severity. Do not apply DM Fosphite at intervals less than 3 days.
personatum) Xanthomonas campestris Anthracnose	Irrigation	Overhead: 2-4 quarts in at least 100 gallons of water. (7-9 liters in at least 1000 liters of water) Drip: 2-3 quarts in at least 100 gallons of water. (5-7 liters in at least 1000 liters of water)	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
Downy Mildew Powdery Mildew	Foliar Or	1 to 3 quarts in a minimum of 20 gallons of water/acre. (5 to 7 liters in minimum of 100 liters of water/hectare)	Apply at 2-3 week intervals. Follow Disease Prevention Program for Disease Control Program as stated above. Do not apply DM Foshphite at intervals less than 3 days.
	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters of water/hectare.)	•

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

Pome Fruits Crop Grouping (Bearing and Non-Bearing) including Papaya: Apple, Crabapple, Loquat, Mayhaw, Papaya, Pear, and Quince.

Make applications prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. Use rates and frequency are designed to prevent plant injury. If more frequent applications are necessary for disease control, consult a crop expert and follow their recommendations. Do not exceed the highest rate per application. Do not apply at less than 3 day intervals. Do not apply to plants that are dormant or heat or moisture stressed. Allow foliage to completely dry after application. Do not apply

when conditions favor wet tissue for prolonged periods (>4 hours).

	when conditions favor wet tissue for prolonged periods (>4 hours).			
Disease	Applicatio	Rate	Application Program	
	n Method			
Phytophthora	Foliar	1 to 3 quarts in a minimum of	Disease Prevention Program*:	
Pythium		100 gallons of water/acre.	Apply lower rate at 2-4 week intervals after	
Fusarium	Or	(5 to 7 liters in a minimum of	plants become established. Do not apply DM	
Rhizoctonia		1000 liters of water/hectare)	Fosphite at intervals less than 3 days.	
Fire Blight		,	Disease Control Program:	
(Erwinia	Aerial	1 to 3 quarts in a minimum of 10	Apply higher rate at 2-3 week intervals until	
amylovora)	Application	gallons of water/acre.	control is reached. Consult with Farm Advisor	
Xanthomonas		(5 to 7 liters in a minimum of 75	or crop expert to determine disease severity. Do	
campestris	1	liters/hectare.)	not apply DM Fosphite at intervals less than 3	
	1	·	days.	
	Root Dip	2 quarts/100 gallon of water, 2/3	Apply as pre-plant dip to the roots for 15-30	
	_	fluid ounces/gallon of water.	minutes. Plant within 24 hours after dipping.	
		(5 liters/1000 liters of water)		
	Irrigation	Overhead: 2-4 quarts in at least	Apply with normal irrigation schedule. Follow	
		100 gallons of water.	Disease Prevention Program or Disease	
		(7-9 liters in at least 1000 liters of	Control Program as stated above. Do not	
		water)	apply DM Fosphite at intervals less than 3	
		Drip: 2-3 quarts in at least 100	days.	
		gallons of water. (5-7 liters in at		
	1	least 1000 liters of water)		
	Trunk	3 teaspoons / linear yard of	Apply according to injection equipment	
	Injection	canopy width or 2 inch of trunk	instructions. Adjust rate based on injection	
		diameter at breast height (DBH)	equipment suggestions for specific	
		(15 milliliter/linear meter of	applications. Repeat 2-4 times a year until	
		canopy width or 5 centimeters	control is reached.	
	1	DBH.) Inject directly in to tree.		
Downy	Foliar	1 to 3 quarts in a minimum of	Apply at 2-3 week intervals. Follow Disease	
Mildew		100 gallons of water/acre.	Prevention Program or Disease Control	
Powdery	Or	(5 to 7 liters in a minimum of	Program as stated above. Do not apply DM	
Mildew		1000 liters of water/hectare)	Fosphite at intervals less than 3 days.	
	Aerial	1 to 3 quarts in a minimum of 10		
	Application	gallons of water/acre.		
		(5 to 7 liters in a minimum of 75		
		liters/hectare.)		
			1	

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

Stone Fruits Crop Grouping including Olives: Apricot, Cherry, Nectarine, Olive, Peach, Plum, Plumcot and Prune.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium Rhizoctonia Xanthomonas	Foliar Or	1 to 3 quarts in a minimum of 100 gallons of water/acre. (5 to 7 liters in a minimum of 1000 liters of water/hectare)	Disease Prevention Program*: Apply lower rate at 2-4 week intervals after plants become established. Do not apply DM Fosphite at intervals less than 3 days. Disease Control Program:
campestris	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters/hectare.)	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 DM Fosphite at intervals less than 3 days.
	Root Dip	2 quarts/100 gallon of water, 2/3 fluid ounces/gallon of water. (5 liters/1000 liters of water)	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	lrrigation	Overhead: 2-4 quarts in at least 100 gallons of water. (7-9 liters in at least 1000 liters of water) Drip: 2-3 quarts in at least 100 gallons of water. (5-7 liters in at least 1000 liters of water)	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
	Trunk Injection	3 teaspoons / linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH) (15 milliliter/linear meter of canopy width or 5 centimeters 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 Powdery Mildew	Foliar Or	1 to 3 quarts in a minimum of 100 gallons of water/acre. (5 to 7 liters in a minimum of 1000 liters of water/hectare)	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days
	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters/hectare.)	

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

Tree Nuts Crop Grouping including Vines: Almond, Beech nut, Betelnut Palm, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Grapes (all types), Hickory nut, Kiwi, Macadamia nut, Pecan, Pistachio and Walnut.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium Rhizoctonia Xanthomonas	Foliar Or	1 to 3 quarts in a minimum of 100 gallons of water/acre. (5 to 7 liters in a minimum of 1000 liters of water/hectare)	Disease Prevention Program*: Apply lower rate at 2-4 week intervals after plants become established. Do not apply DM Fosphite at intervals less than 3 days. Disease Control Program:
campestris	Aerial Application	1 to 3 quarts in a minimum of 10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters/hectare.)	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 DM Fosphite at intervals less than 3 days.
	Root Dip	2 quarts/100 gallon of water, 2/3 fluid ounces/gallon of water. (5 liters/1000 liters of water)	Apply as pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping.
	Irrigation	Overhead: 2-4 quarts in at least 100 gallons of water. (7-9 liters in at least 1000 liters of water) Drip: 2-3 quarts in at least 100 gallons of water. (5-7 liters in at least 1000 liters of water)	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
	Trunk Injection	3 teaspoons / linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH) (15 milliliter/linear meter of canopy width or 5 centimeters DBH.) Inject directly in to tree. Betelnut Palm: ¼ to 1 fl oz per 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.
	Soil Drench	1-2 gallons/100 gallons of water or 1.25 to 2.5 fluid ounces per gallon of water (10-20 liters/1000 liters of water)	Apply 5-10 gallons of diluted solution per tree. Adjust volume as needed to thoroughly drench area around truck. Apply at 3-4 week intervals and repeat as needed. Do not apply DM Fosphite at intervals less than 3 days.
Downy Mildew Powdery Mildew	Foliar Or	1 to 3 quarts in a minimum of 100 gallons of water/acre. (5 to 7 liters in a minimum of 1000 liters of water/hectare)	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
1.11Ide W	Aerial Application	1 to 3 quarts in a minimum of	1 ospine at intervals ress than 5 days.

	10 gallons of water/acre.	
	(5 to 7 liters in a minimum of	
	75 liters/hectare.)	

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

Vegetables Crop Grouping Including Miscellaneous Food Crops: (Leafy, Root and Tuber) Amaranth (Chinese spinach, tampala, etc.) Arracacha, Arugula, Arrowroot, Artichoke (all types), Asparagus, Beet (all types), Burdock, Canna, Cardoon, Carrot, Cassava, Celeriac, Celery, Chayote, Chervil (turnip-rooted), Chicory, Chilies, Chrysanthemum (edible), Chufa, Cinchoca, Coconut, Coffee, Corn (all types), Cress (all types), Dandelion, Dasheen, Dock, Eggplant, Endive, Fennel, Garlic, Ginger, Ginseng, Horseradish, Leren, Lettuce (all types), Okra, Onion, Orach, Parsley, Parsnip, Peppers (all types), Pineapple, Purslane, Potato (all types), Radicchio, Radish (all types), Rhubarb, Rutabaga, Salisify (all types), Skirret, Spinach (all types), Sugarbeet, Sugarcane, Sweet Potato, Swiss chard, Tanier, Tobacco, Tomato, Turmeric, Turnip, Yam (all types).

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar	1 to 4 quarts in a minimum of	Disease Prevention Program*:
Pythium		20 gallons of water/acre.	Apply lower rate at 2-4 week intervals after
Fusarium	Or	(5 to 7 liters in minimum of	plants become established. Do not apply DM
Rhizoctonia		100 liters of water/hectare)	Fosphite at intervals less than 3 days.
Xanthomonas		,	Disease Control Program:
campestris Anthracnose	Aerial Application	1 to 4 quarts in a minimum of 10 gallons of water/acre.	Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm
	T P P P P P P P P P P P P P P P P P P P	(5 to 7 liters in a minimum of 75 liters of water/hectare.)	Advisor or crop expert to determine disease severity. Do not apply DM Fosphite at intervals less than 3 days.
	Root Dip	2 quarts/100 gallon of water, 2/3 fluid ounces/gallon of water. (5 liters/1000 liters 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: 2-4 quarts in at least	Apply with normal irrigation schedule.
		100 gallons of water.	Follow Disease Prevention Program or
		(7-9 liters in at least 1000 liters	Disease Control Program as stated above.
		of water)	Do not apply DM Fosphite at intervals less
		Drip: 2-3 quarts in at least 100	than 3 days.
		gallons of water. (5-7 liters in	
		at least 1000 liters of water)	
Downy	Foliar	1 to 4 quarts in a minimum of	Apply at 2-3 week intervals. Follow Disease
Mildew	Or	20 gallons of water/acre.	Prevention Program or Disease Control
Powdery		(5 to 7 liters in minimum of	Program as stated above. Do not apply DM
Mildew	Aerial	100 liters of water/hectare)	Fosphite at intervals less than 3 days.
	Application		
		1 to 4 quarts in a minimum of	

		10 gallons of water/acre. (5 to 7 liters in a minimum of 75 liters of water/hectare.)	
Pink Rot (Phytophthora erythroseptica) Late Blight (Phytophthora infestans)	Foliar Or Aerial Application	3 to 5 quarts in a minimum of 20 gallons of water/acre. (5 to 7 liters in minimum of 100 liters of water/hectare) *Note: I gallon container will not be sufficient for treating pink rot and late blight at the highest given application rate. An additional I gallon container or a larger container size will be necessary to achieve the maximum treatment rate.	Apply at 2-3 week intervals. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.

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

ORNAMENTALS

DM FOSPHITE fungicide is used for control of Pythium, Downy Mildew, Powdery Mildew, Phytophthora and various other diseases of ORNAMENTALS grown in commercial nurseries and greenhouses, golf courses, parks and commercial landscapes. DM FOSPHITE may be applied to all ornamental and landscape plants including (but not limited to): Aglaonema, Aphelandra, Arborvitae, Ash, Azaleas, Bougainvilles, Boxwood, Bushes, Cattleya skinneri, Cedars, Ceanothus, Cotoneaster, Cissus, Diffenbachia, Dogwood, Ferns, Ficus, Flowering Trees, Hibiscus, Hard Wood Trees, Holly, Home Lawns, Juniper, Magnolia Trees, Maple, Pines, Oaks, Palms, Peperomia, Photinia, Pittosporum, Philodendron, Pieris, Pothos, Red woods, Rhododendron, Roses, Schefflera, Sedum, Sempervivum, Shrubs, Spathiphyllum, Sycamore, Taxus media, Zygocactus.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar Spray	1 to 2 quarts/100 gallons of	Disease Prevention Program*:
Fusarium		water or 1/3 fluid ounce to	Apply lower rate at 2-4 week intervals after
Pythium		2/3 fluid ounce per gallon	plants become established. Do not apply DM
Rhizoctonia		of water. (2.5 to 5	Fosphite at intervals less than 3 days.
Fire Blight		liters/1000 liters of water)	Disease Control Program:
(Erwinia amylovora) Bacterial Blight		,	Apply higher rate at 2-3 week intervals until control is reached. Consult with Farm
(Xanthomonas campestris)			Advisor or crop expert to determine disease severity.
Geranium Wilt			Apply diluted solution to thoroughly wet
(Ralstonia spp.)			foliage. Apply at 2-3 week intervals and
Anthracnose			repeat as needed. Do not apply DM Fosphite
			at intervals less than 3 days.
	Soil Drench	12-24 fluid ounce/100	Apply 1-2 pts. of diluted solution per sq.
		gallon of water or 1/8 to 1/4	foot. Adjust volume as needed to thoroughly
		fluid ounce per gallon of	wet media. Apply at 2-3 week intervals and
		water (1 to 2 liters/1000	repeat as needed Do not apply DM Fosphite
		liters of water)	at intervals less than 3 days.
1	Soil	1 to 2 pints/cubic yard of	Mix 1 to 2 pints of DM Fosphite with enough
	Incorporation	soil mix (300-600	water to wet one cubic yard of soil; mix

	Irrigation	milliliters/ cubic meter) Overhead: 1-2 quarts/100	immediately before potting. If conditions are favorable for disease development, it is recommended to make additional applications as a foliar spray or soil drench. Apply with normal irrigation schedule.
		gallons of water. (2.5 – 5 liters/1000 liters of water) Drip: 1-2 quarts/100 gallons of water. (2.5 – 5 liters/1000 liters of water)	Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
	Trunk Injection	3 teaspoons/linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH) (15 milliliters / linear meter of canopy width or 5 centimeters 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.
	Root Dip	2 quarts/100 gallons of water or 2/3 fluid ounce/gallon of water. (5 liters/1000 liters of water)	Dip transplants into diluted solution of DM Fosphite. Thoroughly wet plant root mass immediately before transplanting. Keep roots submerged for 1 to 2 minutes.
Downy Mildew Powdery Mildew	Foliar Spray	1 to 2 quarts/100 gallons of water or 1/3 fluid ounce to 2/3 fluid ounce/ gallon of water (2.5 to 5 liters/1000 liters of water)	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.

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

BEDDING PLANTS

DM FOSPHITE fungicide is used for control of Downy Mildew, Powdery Mildew, Pythium, Phytophthora and various other diseases of bedding plants grown in commercial nurseries and greenhouses, golf courses, parks and commercial landscapes. DM FOSPHITE may be applied to all bedding plants including: Ageratum, Algerian Ivy, Alyssum, Anthurium, Artemisia, Aster, Baby's Breath, Begonia, Caladium, Carnation, Chrysanthemum, Coleus, Columbine, Daisy, Delphinium, Easter Lily, English Ivy, Foxglove, Gaillardia, Geranium, Gloxinia, Impatiens, Marigold, Pansy, Petunia, Phlox, Pinks, Poinsettia, Primrose, Prostrate Rosemary, Salvia, Snapdragon, Verbena, Vinca and Zinnia.

Disease	Application Method	Rate	Application Program
Phytophthora Pythium Fusarium Rhizoctonia Fire Blight (Erwinia amylovora) Anthracnose	Foliar Spray	1 to 2 quarts/100 gallons water or 1/3 fluid ounce to 2/3 fluid ounce/gallon of water. (2.5 to 5 liters/1000 liters water)	Disease Prevention Program*: Apply lower rate at 2-4 week intervals after plants become established. Do not apply DM Fosphite 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. Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed. Do not apply DM Fosphite at intervals less than 3 days.
	Root Dip	2 quarts/100 gallons of water or 2/3 fluid ounce/gallon of water. (5 liters/1000 liters of water)	Dip transplants into diluted solution of DM Fosphite. Thoroughly wet plant root mass immediately before transplanting. Keep roots submerged for 1 to 2 minutes.
	Soil Drench	12-24 fluid ounce/100 gallon of water or 1/8 to ¼ fluid ounce per gallon of water (1 to 2 liters/1000 liters of water)	Apply 1-2 pts. of diluted solution per sq. foot. Adjust volume as needed to thoroughly wet media. Apply at 2-3 week intervals and repeat as needed. Do not apply DM Fosphite at intervals less than 3 days
	Irrigation	Overhead: 1-2 quarts./100 gallons of water. (2.5 – 5 liters/1000 liters of water) Drip: 1-2 quarts/100 gallons of water. (2.5 – 5 liters/1000 liters of water)	Apply with normal irrigation schedule. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.
Downy Mildew Powdery Mildew	Foliar Spray	1 to 2 quarts/100 gallons water (1/3 fluid ounce to 2/3 fluid ounce/gallon of water) (2.5 to 5 liters/1000 liters of water)	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed. Do not apply more than 6 times per crop cycle or year. Follow Disease Prevention Program or Disease Control Program as stated above. Do not apply DM Fosphite at intervals less than 3 days.

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

CONIFERS AND TREES IN COMMERCIAL NURSERIES, PLANTATIONS AND FORESTS, LANDSCAPES AND PARKS (INCLUDING CHRISTMAS TREES, OAKS and PINES)

DM FOSPHITE applied in conjunction with good cultural management practices will control Phytophthora root rot of conifers including (but not limited to): Douglas Fir, spruce and pines also other Phytophthora disease of Oaks (Sudden Oak Death) and forest trees. Use the higher rates when disease pressure is severe. Do not apply to trees that are under heat or moisture stress.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar Spray	1 to 2 quarts/100 gallon of water /acre (2.5 to 5 liters/1000 liters water/hectare) or 1/3 fluid ounce to 2/3 fluid ounce/ gallon of water. Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.	Disease Prevention Program*: Apply lower rate at 2-4 week intervals after plants become established. Do not apply DM Fosphite at intervals less than 3 days. Disease Control Program: Apply higher rate at 2-3 week intervals until control is reached. Do not apply DM Fosphite at intervals less than 3 days.
	Soil Drench	12-24 fluid ounce/100 gallons of water or 1/8 to ¼ fluid ounce/gallon of water (1 to 2 liters/1000 liters of water)	Apply 1-2 pts. of diluted solution per sq. foot. Adjust volume as needed to thoroughly wet media. Apply at 2-3 week intervals and repeat as needed. Do not apply DM Fosphite at intervals less than 3 days.
Fusarium Pythium Rhizoctonia Fireblight (Erwinia amylovora) Bacterial Blight (Xanthomonas campestris) Anthracnose	Trunk Injection	3 teaspoons / linear yard of canopy width or 2 inch of trunk diameter at breast height (DBH) (15 milliliters/linear meter of canopy width or 5 centimeters DBH.) Inject directly in to tree.	Apply according to injection equipment instructions. Adjust rate based on injection equipment suggestions for specific applications.
(Phytophthora)	Root Dip	2 quarts/100 gallons of water (2/3 fluid ounce/gallon of water) 5 liters/1000 liters water	Apply as a pre-plant dip to the roots for 15-30 minutes. Plant within 24 hours after dipping

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

TURF (INCLUDES RESIDENTIAL AND COMMERCIAL LAWN APPLICATIONS BY COMMERCIAL APPLICATORS)

DM FOSPHITE is a systemic fungicide, which is used for the control of Pythium blight, Summer Complex (Bermuda and others), Dollar Spot, Grey Leaf Spot, Brown Patch, Anthracnose and damping-off diseases to turf grasses on sod farms and lawns, commercial turf production, golf courses (including tees and greens), parks and commercial landscapes. Begin preventative applications when conditions first favor disease and repeat at described intervals. Use higher rates under severe disease conditions.

Disease	Application Method	Rate	Application Program
Pythium (Yellow Turf) Rhizoctonia Sclerotinia Helminthosporium Alternaria Anthracnose (Colletotrichum graminicola)	Foliar Spray	3-6 fluid ounces/1,000 square feet. (30-60 milliliters/100 square meters) or 3 to 6 quarts/100 gallons of water/acre. (7 to 15 liters/1000 liters of water/hectare)	Apply amount in minimum of 2 gal. of water per 1,000 sq. ft. Apply at 10 to 21 day intervals as needed. Do not mow or irrigate treated areas until sprays have completely dried. For sod farms and large areas: Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
	Irrigation	Overhead: 2-3 quarts/acre. (5 – 7 liters/hectare) in at least 100 gallons of water.(1000 liters) of water.	Apply with normal irrigation schedule. Apply at 10 to 21 day intervals and repeat as needed.

^{*} Do not graze animals on treated turf. Do not feed clippings from treated turf to livestock and poultry.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, keep out of smoke.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product=s label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of

USE. EXCEPT AS WARRANTED IN THIS LABEL, THIS PRODUCT IS SOLD AS IS TO THE EXTENT ALLOWED BY APPLICABLE LAW. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL, BUYER OR USER MUST SEND, TO THE EXTENT REQUIRED BY APPLICABLE LAW, WRITTEN NOTICE OF SUCH CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, 7251 WEST 4TH STREET, GREELEY, CO 80634.

TO THE EXTENT ALLOWED BY APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT ALLOWED BY APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL APPLICATORS (NOT SUBJECT TO WORKER PROTECTION STANDARD)

DM FOSPHITE FUNGICIDE

DM Fosphite is a systemic fungicide for the control of Downy mildew, Powdery Mildew, Phytophthora (such as Sudden Oak Death, Root Rot, Brown Rot), Pythium (Damping-off, Summer Stress) and various other diseases in garden plants, ornamental trees and plants, Phytophthora in conifers, pines and oaks and Pythium in turf.

ACTIVE INGREDIENTS: Mono- and dipotassium salts of Phosphorous Acid*	53%	
OTHER INGREDIENTS:	47%	
TOTAL	100%	

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside booklet for Precautionary Statements, First Aid and Directions For Use.

EPA Reg. No. 34704-EPA Est. No.

NET CONTENTS: 1 pint (0.473 liters)

1 quart (0.946 liters) 1 gallon (3.785 liters) 2 1/2 gallons (9.463 liters) 5 gallons (18.925 liters)



^{*}Contains 6.22 lbs./gallon of active ingredients, mono- and dipotassium salts of Phosphorous Acid. Equivalent to 3.90 lbs. Phosphorous Acid/gallon.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Causes moderate eye irritation. Wear protective eyewear such as goggles or face shield. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

	FIRST AID STATEMENTS		
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.		
treatment.	Have the container or label with you when calling a poison control center or doctor, or going for treatment. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-301-7976.		

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment 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.

- 1 pint (0.473 liters) makes 24 gallons of solution at maximum treatment rate.
- 1 quart (0.946 liters) makes 48 gallons of solution at maximum treatment rate.
- 1 gallon (3.785 liters) makes 192 gallons of solution at maximum treatment rate.
- 2 1/2 gallons (9.463 liters) makes 480 gallons of solution at maximum treatment rate.
- 5 gallons (18.925 liters) makes 960 gallons of solution at maximum treatment rate.

GENERAL APPLICATION INSTRUCTIONS

DM FOSPHITE is applied by various application methods, including foliar sprays, soil drench, soil incorporation, and bare root dip. For foliar sprays, apply DM FOSPHITE with sufficient water for adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet.

COMPATIBILITY

Mixing DM FOSPHITE with certain surfactants, foliar fertilizers or other pesticides may cause crop injury. DM FOSPHITE is a slightly acidic buffer solution. Avoid mixing DM FOSPHITE with strongly acidic or alkaline materials. Do not tank mix without first testing the mixture's compatibility nor apply it without assessing its safety to the crop (phytotoxicity). It is not possible to test all material combinations and environmental tank mix combinations. Always conduct a test with the intended tank mix on a small area prior to any large scale applications. To determine if a combination is phytotoxic to a specific crop, spray a small area of foliage and fruit, and then evaluate 3-7 days later for visual symptoms.

Test the compatibility of spray adjuvants (i.e. stickers, spreaders, wetting agents) with DM FOSPHITE before use. Do not use acidifying type compatibility agents.

To determine the compatibility of DM FOSPHITE with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to clean container, thoroughly mix, then let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible.

MIXING INSTRUCTIONS

- 1. Fill the spray tank with 1/2 of the required volume of water.
- 2. Add the amount of FOSPHITE as indicated under the Rate portion of the table below.
- 3. Continue to fill the tank with water to the desired volume while agitating.
- 4. Continue agitation when applying.

This product may be applied up to the day of harvest.

INSTRUCTIONS FOR APPLICATIONS GARDEN CROPS, ORNAMENTALS, BEDDING PLANTS AND TREES (CONIFERS, OAKS, ETC.) & TURF

DM FOSPHITE fungicide is used for control of Pythium, Downy Mildew, Phytophthora (such as Sudden Oak Death, *Phytophthora ramorum*) and various other diseases (see list below) of ORNAMENTAL PLANTS AND TREES. Plants, which can be treated with DM FOSPHITE, include:

GARDEN CROPS

DM FOSPHITE fungicide is used for control of Downy Mildew, Powdery Mildew, Pythium, Phytophthora and various other diseases (such as purple blotch, late blight, blue mold, soft rot, root rot, brown rot, foot rot, crown/collar rot, canker, fruit/foliar rot, fire blight, heart rot, pink rot, pythium leak, red stele, leather rot, etc.) of garden crops. Apply DM FOSPHITE to plants including (but not limited to): Almond, Apple, Apricot, Artichoke, Asparagus, Avocado, Baby Lettuce, Banana, Beet, Blackberry, Blueberry, Broadbean, Cane Berries, Carrot, Cherry, Chestnut, Chilies, Cinchona, Cinnamon, Citrus, Cole Crops, Corn, Cranberry, Crucifers, Cucurbits, Dates, Dry Beans, Eggplant, Fresh beans, Garlic, Grapes, Kiwi, Lettuce, Lima Beans, Macadamia, Melons, Mint, Nectarine, Nut Crops, Nutmeg, Okra, Olive, Onion, Papaya, Peach, Peanut, Pear, Peas, Peppers, Pineapple, Plum, Pome Fruit, Potato, Prune, Raspberry, Rhubarb, Root crops, Rosemary, Spinach, Squash, Strawberry, String Beans, Stone Fruit, Sugarbeet, Sunflower, Tomato, Walnut.

BEDDING PLANTS, TREES & ORNAMENTALS

Ageratum, Algerian Ivy, Aglaonema, Alyssum, Anthurium, Aphelandra, Arborvitae, Artemisia, Ash, Aster, Azaleas, Baby's Breath, Begonia, Bougainvillea, Boxwood, Caladium, Carnation, Cattleya skinneri, Ceanothus, Chrysanthemum, Coleus, Columbine, Cotoneaster, Cissus, Daisy, Delphinium, Dieffenbachia, Dogwood, Easter Lily, English Ivy, Ficus, Firs, Foxglove, Gaillardia, Geranium, Gloxinia, Hibiscus, Impatiens, Japanese Holly, Juniper, Leather-leaf Fern, Magnolia, Maple, Marigold, Monterey Pine, Oaks, Pansy, Petunia, Peperomia, Philodendron, Phlox, Photinia, Pines, Pinks, Pittosporum, Pieris, Poinsettia, Pothos, Primrose, Prostrate Rosemary, Rhododendron, Roses, Salvia, Schefflera, Sedum, Sempervivum, Snapdragon, Spathiphyllum, Taxus media, Spruces, Sycamore, Verbena, Vinca, White Cedar, White Pine, Zinnia, Zygocactus.

Make applications prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. Do not exceed the use rates or apply more frequently than the specified interval or plant injury can occur. Do not apply to plants that are dormant or heat or moisture stressed. Allow foliage to completely dry after application. Do not apply when conditions favor wet tissue for prolonged periods (>4 hours).

Disease	Application Method	Rate	Application Program
Phytophthora Fusarium Pythium Rhizoctonia Fire Blight (Erwinia amylovora) Anthracnose	Foliar Spray Soil Drench	1/3 fluid ounce to 2/3 fluid ounce/gallon of water. (2.5 - 5 milliliters/liter of water) 3 - 6 fluid ounces/25 gallon of water or 1/8 to 1/4 fluid ounce per gallon of water (1 to 2	Apply diluted solution to thoroughly wet foliage. Apply at 2 – 3 week intervals and repeat as needed. Do not apply DM Fosphite at intervals less than 3 days Apply 1 – 2 qts. of diluted solution per sq. ft. Adjust volume as needed to thoroughly wet media. Apply at 2 – 3 week intervals and repeat as needed. Do not apply DM
	Soil Incorporation	liters/1000 liters of water ½ to 1 pint/½ cubic yard. (150 – 300 milliliters/½ cubic meter)	Fosphite at intervals less than 3 days. Mix ½ to 1 pinto of DM Fosphite with enough water to wet one cubic yard of soil; mix immediately before potting. If conditions are favorable for disease development, make additional applications as a foliar spray or soil drench.
	Root Dip	2/3 fluid ounce/gallon of water (5 milliliters/liter of water)	Dip transplants into diluted solution of DM Fosphite to thoroughly wet plant root mass immediately before transplanting. Keep rots submerged for 1 to 2 minutes.
Downy Mildew	Foliar Spray	1/3 fluid ounce to 2/3	Apply diluted solution to thoroughly wet

Powdery Mildew	fluid ounce/gallon of	foliage. Apply at 2 – 3 week intervals and
;	water (2.5 – 5 milliliter	s/ repeat as needed. Do not apply DM
	liter of water)	Fosphite at intervals less than 3 days.

TURF

DM FOSPHITE is a systemic fungicide, which is used for the control of Pythium blight, Summer Complex (Bermuda and others), dollar Spot, Grey Leaf Spot, Brown Patch, Anthracnose and damping-off diseases to turf grasses. Begin preventative applications when conditions first favor disease and repeat at directed intervals. Use higher rates under severe disease conditions.

Disease	Application Method	Rate	Application Program
Pythium (Yellow	Foliar Spray	3 – 6 fluid	Apply amount in minimum of
Turf)		ounces/ 1,000	2 gal. of water per 1,000 sq. ft.
Rhizoctonia		square feet. (30 -	Apply at 7 to 21 day intervals
Sclerotinia		60 milliliters/	as needed. Do not mow or
Helminthosporium		100 square	irrigate treated areas until
Alternaria		meters)	sprays have completely dried.
Anthracnose			
(Colletotrichum			
graminicola)			

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place.

PESTICIDE AND CONTAINER DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call our local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused products down any indoor or outdoor drain. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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