

01-DEC-2009
2009-3380

front

group	M	fungicide
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LIME SULPHUR

INSECTICIDE MITICIDE FUNGICIDE

COMMERCIAL

CAUTION CORROSIVE

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

REGISTRATION NO. 16465
PEST CONTROL PRODUCTS ACT

GUARANTEE: Calcium polysulphide 22%

NET CONTENTS: 10L, 20L, 205L, Bulk (1000-30000 L)

UNITED AGRI PRODUCTS CANADA INC.
789 Donnybrook Drive
Dorchester, Ontario
N0L 1G5
1-800-265-4624

07/09

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Corrosive to eyes and skin. Concentrate may cause eye damage and skin irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear eye protection (goggles or face shield), rubber gloves and protective clothing. Avoid breathing spray mist. **DO NOT APPLY BY AIR.**

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca/.

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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 centre or doctor for treatment advice.

IF SWALLOWED: Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

May yield hydrogen sulphide by decomposition before or after ingestion. Treat Symptomatically.

DISPOSAL

1. Triple- or pressure-rinse the emptied container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

base

group	M	fungicide
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LIME SULPHUR

INSECTICIDE MITICIDE FUNGICIDE

COMMERCIAL

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datapak

group	M	fungicide
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LIME SULPHUR

INSECTICIDE MITICIDE FUNGICIDE

COMMERCIAL

DANGER: CORROSIVE TO EYES

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REGISTRATION NO. 16465
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DIRECTIONS FOR USE

Lime Sulphur solution for fungus and mite problems on fruit trees and small fruit: when used in combination with dormant oil spray it is an excellent clean up spray for dormant fruit trees. Do not spray when foliage is wet, spray to point of run-off: cover completely.

Lime Sulphur may cause leaf yellowing and defoliation; particularly if applied in the calyx or early summer without previous application in pink.

HOW TO USE THE CHART BELOW

1. Locate FRUIT and PEST to be controlled on left.
2. Select the quantity of DILUTED SPRAY that you wish to make.
3. Amount of LIME SULPHUR needed to mix that quantity of spray is shown in column opposite PEST to be controlled.

FRUIT	PEST	WHEN TO SPRAY	Amount of LIME SULPHUR required to mix with enough water to make the desired quantity of diluted spray of:		
			20 L	100 L	200 L
APPLES and PEARS	Blister mites, Rust mites	Dormant	2 L	10 L	20 L
	San Jose scale, European scale	Dormant Season	1 L	5 L of LIME SULPHUR	10 L
	General clean up spray		PLUS 250 mL	PLUS 1.25 L of Dormant Oil Spray	PLUS 2.5 L
	Apple scab, Pear scab, Powdery mildew	Pre-pink, Pink calyx, 1 st & 2 nd cover spray	250 mL	1.25 L	2.5 L
PRUNES and PLUMS	San Jose scale, European scale, Mites, Aphids-eggs, General clean-up	Dormant Season	1 L PLUS 250 mL	5 L of LIME SULPHUR PLUS 1.25 L of Dormant Oil Spray	10 L PLUS 2.5 L
PEACHES	Peach leaf curl, San Jose scale, European scale	Dormant Season	2 L	10 L	20 L
	Twig Borer	Pink	2 L	10 L	20 L
	Powdery Mildew	Petal Fall	250 mL	1.25 L Repeat at two week intervals	2.5 L
CHERRIES	San Jose scale, European scale, Mites, General clean-up	Dormant Season	1 L PLUS 250 mL	5 L of LIME SULPHUR PLUS 1.25 L of Dormant Oil Spray	10 L PLUS 2.5 L

STRAW-BERRIES	Powdery Mildew, Fruit Rots	Spring (when growth starts)	300 mL	1.5 L	3 L
	Powdery Mildew	3 weeks after harvest	300 mL	1.5 L	3 L
RASP-BERRIES	Scales, Spur blight, Cane blight, Rust	Delayed Dormant	700 mL	3.5 L	7 L
BLACK-BERRIES	Redberry mite	Delayed Dormant	1-1.5 L	5-7.5 L	10-15 L
		When fruit arms are 7-15 cm	500-700 mL	2.5-3.5 L	5 -7 L
LOGAN-BERRIES	Leaf spot, Cane spot	Delayed Dormant	700 mL	3.5 L	7 L
GOOSE-BERRIES	Powdery Mildew	Before earliest blossoms open	300 mL	1.5 L	3 L
	Powdery Mildew	Calyx	300 mL	1.5 L	3 L

NOTE TO USER:

READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product the for the uses described below were developed by persons other than United Agri Products Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. United Agri Products Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed on this label.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold United Agri Products Canada Inc. harmless from any claims based on efficacy or phytotoxicity in connection with the use(s) described below.

GRAPES

For use on grapes for powdery mildew management.

Use 10 L of LIME SULPHUR Insecticide Miticide Fungicide to make 100 L of spray mixture.

Apply once per season during dormant stage prior to bud swell (early March to early April).

Spray to point of runoff, cover completely.

Do NOT apply within 120 days of harvest.

Apply with ground equipment.

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HIGHBUSH BLUEBERRIES

For use on Highbush Blueberries for the control of scale insects (such as lecanium scale), and for general clean-up.

Apply 50 L of LIME SULPHUR Insecticide Miticide Fungicide PLUS 12.5 L Dormant Oil Spray in 1000 L of spray.

OR

Apply 25 L of LIME SULPHUR Insecticide Miticide Fungicide PLUS 6.25 L Dormant Oil Spray in 500 L of spray.

OR

Apply 5 L of LIME SULPHUR Insecticide Miticide Fungicide PLUS 1.25 L Dormant Oil Spray in 100 L of spray.

Apply once per season when the plants are dormant (January- March).

Spray to point of run-off, cover completely.

Apply with ground equipment only.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that LIME SULPHUR Insecticide Miticide Fungicide contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to LIME SULPHUR insecticide Miticide Fungicide and other Group M fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

1. Where possible, rotate the use of LIME SULPHUR insecticide Miticide Fungicide or other Group M fungicides with different groups that control the same pathogens.
2. Use tank mixtures with fungicides from a different group when such use is permitted.
3. Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
4. Monitor treated fungal populations for resistance development.
5. If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
6. Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
7. For further information and to report suspected resistance, contact United Agri Products Canada Inc. at 1-800-265-4624 or at www.uap.ca.

WARNING

LIME SULPHUR may injure “sulphur shy” varieties. Do not use unless local experience has proved that Sulphur is safe to use. Consult local Agricultural Authorities. Do not spray on painted surfaces as staining or discoloration may occur.

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