

99/2004

CLEAN CROP (R)

Notification Change

~~LIME SULPHUR~~ **Lime Sulphur Insecticide
Miticide Fungicide**

COMMERCIAL

CAUTION CORROSIVE

READ THE LABEL BEFORE USING

REGISTRATION NO. 16465
PEST CONTROL PRODUCTS ACT

GUARANTEE: Sulphide Sulphur22%

NET: 10 L

UNITED AGRI PRODUCTS
R.R. #2
Dorchester, Ontario
N0L 1G5

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	PESTS	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 General clean up spray	Dormant Season	1 L 5 L 10 L of LIME SULFUR PLUS PLUS PLUS 250 mL 1.25 L 2.5 L Of Dormant Oil Spray		
	Apple scab, Pear scab, Powdery mildew	pre-pink, pink, calyx, 1st & 2nd 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 5 L 10 L of LIME SULFUR PLUS PLUS PLUS 250 mL 1.25 L 2.5 L of Dormant Oil Spray		
PEACHES	Peach leaf curl, San Jose scale, European scale	Dormant Season	2 L	10 L	20 L
	Twig borer	Pink	2 L 250 mL	10 L 1.25 L	20 L 2.5 L
	Powdery Mildew	Petal fall	Repeat at two week intervals		
CHERRIES	San Jose scale, European scale, Mites, General clean-up	Dormant Season	1 L 5 L 10 L of LIME SULFUR PLUS PLUS PLUS 250ml 1.25 L 2.5 L Of Dormant Oil Spray		
STRAWBERRIES	Powdery Mildew, Fruit rots	Spring (when growth starts)	300 mL	1.5 L	3 L
	Powdery mildew	3 wks. after harvest	300 mL	1.5 L	3 L
RASPBERRIES	Scales, Spur blight, Cane blight, Rust	Delayed Dormant	700 mL	3.5 L	7 L

Blackberries	Redberry mite	Delayed Dormant	1-1.5 L	5-7.5 L	10-15 L
		When fruit arms 7-15cm	500-700mL	2-5-3.5L	5-7 L
LOGANBERRIES	Leaf spot, Cane spot	Delayed Dormant	700 mL	3.5 L	7 L
GOOSEBERRIES	Powdery Mildew	Before earliest blossoms open	300 mL	1.5 L	3 L
	Powdery Mildew	Calyx	300 mL	1.5 L	3 L

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.

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.

FIRST AID

IF ON SKIN: Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

IF IN EYES: Flush with running water for at least 15 minutes while holding eyelids open to help flush out material. Get medical attention.

INGESTION: DO NOT induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person. Keep head lower than chest to avoid aspiration into lungs. Call physician or contact a poison control centre.

INHALATION: Remove to fresh air. If breathing is difficult, administer oxygen; if breathing stops administer artificial respiration. Get medical attention immediately.

TOXICOLOGICAL INFORMATION

May yield hydrogen sulphide by decomposition before or after ingestion.

DISPOSAL

1. Rinse the emptied container thoroughly and 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 the clean-up of spills contact the provincial regulatory agency or the manufacture.

NOTICE TO USER: This 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 a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

GROUP	U	INSECTICIDE
GROUP	M	FUNGICIDE

**SUPPLEMENTAL LABEL FOR
POWDERY MILDEW MANAGEMENT IN GRAPES**

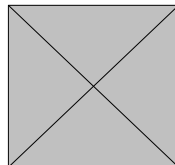
LIME SULPHUR

INSECTICIDE MITICIDE FUNGICIDE

COMMERCIAL

CAUTION

CORROSIVE



READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

GUARANTEE: SULPHIDE SULPHUR 22%

REGISTRATION No.: 16465

PEST CONTROL PRODUCTS ACT

**United Agri Products Canada Inc.
789 Donnybrook Drive
Dorchester, Ontario N0L 1G5**

NET CONTENTS: 10 L

DIRECTIONS FOR USE

For use on grapes for powdery mildew management.

Apply 100 L of LIME SULPHUR Insecticide Miticide Fungicide in 1000 L of spray.

Apply 500L of spray mixture per hectare (11 L sulphide sulphur/ha).

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.

The Directions for Use for grapes were developed by persons other than United Agri Products Canada Inc. and accepted for registration by the Pest Management Regulatory Agency 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) and/or crop tolerance (phytotoxicity) claims for this product when used on grapes.

Accordingly, the Buyer and User assume all liability arising, and agree to hold United Agri Products Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use described for grapes.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that LIME SULPHUR Insecticide Miticide Fungicide contains a Group U insecticide/acaricide and Group M fungicide. Any insect/mite/disease population may contain individuals naturally resistant to LIME SULPHUR Insecticide Miticide Fungicide and other Group U insecticide/acaricide and Group M fungicide. The resistant individuals may dominate the insect/mite/disease population if this group of insecticides/acaricides/fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist.

Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide/fungicide resistance:

- Where possible, rotate the use of LIME SULPHUR Insecticide Miticide Fungicide or other Group U insecticides/acaricides and Group M fungicides with different groups that control the same pathogens.
- Avoid application of more than the indicated number of sprays of LIME SULPHUR Insecticide Miticide Fungicide or other insecticides/acaricides/fungicides in the same group in a season.
- Use tank mixtures with insecticides/acaricides/fungicides from a different group when such use is permitted.

- Insecticide/acaricide/fungicide use should be based on an IPM program that includes scouting, record keeping and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information and to report suspected resistance, contact the Technical Service, United Agri Products Canada Inc., 1-800-265-4624 or at www.uap.ca.

WARNING

LIME SULPHUR Insecticide Miticide Fungicide may injure “sulphur shy” varieties. Do not use unless local experience has proved that sulphur is safe to use. Consult local Agricultural Authorities.

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.** Do not spray on painted surfaces as staining or discolouring may occur. 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., contact 1-866-375-4648 or www.cropro.org/.

FIRST AID

IF ON SKIN: Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

IF IN EYES: Flush with running water for at least 15 minutes while holding eyelids open to help flush out material. Get medical attention.

INGESTION: DO NOT induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person. Keep head lower than chest to avoid aspiration into lungs. Call physician or contact a poison control centre.

INHALATION: remove to fresh air if breathing is difficult, administer oxygen; if breathing stops administer artificial respiration. Get medical attention immediately.

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.

DISPOSAL

1. Triple -or pressure-rinse the empty 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 control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.