

2001/2002

COMMERCIAL

BAG  
2 kg  
15 kg

**IMIDAN® 50-WP**  
AGRICULTURAL INSECTICIDE  
WETTABLE POWDER

**DANGER            POISON**

**READ THE LABEL BEFORE USING**  
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: phosmet 50%

REGISTRATION NO. 9738 PEST CONTROL PRODUCTS ACT

GOWAN COMPANY  
370 S. Main Street  
P.O. Box 5569  
Yuma, Arizona 85366-5569

**PRECAUTIONS**  
**KEEP OUT OF REACH OF CHILDREN**

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin, or on clothing. Do not breathe spray mist. Wash all contaminated clothing with soapy and hot water before reuse. Do not contaminate feed or food. Wear clean clothes. Avoid drift to adjoining food and forage crops.

**FIRST AID**

Ingestion may result in poisoning.

1. Keep airways open. Use artificial respiration, if necessary.
2. If ingested and patient is conscious, induce vomiting. Do not induce vomiting if patient is unconscious or in a convulsive state.
3. Call physician or Poison Control Centre.
4. Wash skin of material and vomitus.
5. Save suspected agent and vomitus, if container is available, for disposal by physician.
6. In case of contact with skin, wash immediately with soap and water.
7. If in eyes, flush with clean water.
8. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

#### **TOXICOLOGICAL INFORMATION**

1. Induce vomiting or lavage stomach.
2. IMIDAN is a cholinesterase inhibitor.

Atropine is antidotal. 2-PAM also is antidotal when administered early and in conjunction with atropine.

**Consult you local POISON CONTROL CENTRE for additional information.**

#### **EMERGENCY TELEPHONE NUMBER**

All hours, 1-800-263-0984 **ONLY** for health & environmental information.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Keep out of any body of water. This product is toxic to bees. Do not apply when fruit or cover crops are in bloom.

#### **STORAGE**

Store in a cool, dry place. Keep container closed when not is use.

#### **SPILL CLEANUP**

1. Avoid inhalation, skin and eye contact. Wear rubber gloves, boots, safety goggles and NIOSH approved respirator effective at removing phosmet.
2. Sweep up the IMIDAN 50-WP being careful not to create dust.
3. Place sweepings in an open drum.

4. Generously cover the contaminated area with a common household detergent (e.g. Tide\*). Using a stiff brush, work the detergent into the spill material using sufficient water to form a slurry. Brush the slurry into cracks and crevices, and allow to stand for 2 to 3 minutes. Be careful to completely avoid skin or eye contact; do not splatter on one's self or bystanders.
5. Spread a suitable absorbent such as clay on the slurried liquid, and shovel the absorbed material into an open drum.
6. Repeat if necessary.
7. Flush the area with water, while observing proper environmental considerations.
8. Seal drum and dispose of contaminated material in an approved manner (see DISPOSAL).

\* Reg. Procter & Gamble Co.

#### **DISPOSAL**

Rinse the empty container thoroughly and add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

#### **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.

#### **DIRECTIONS FOR USE**

Pour recommended amount of this material on surface of water in nearly-filled spray tank, or pre-mix in a bucket half filled with water and pour through screen into nearly-filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. Do not use in low-volume gear-type spray equipment. Do not combine wettable powders with oil or other emulsifiable liquids in the same spray tank

unless previous use of the materials combined has proven them to be physically compatible. IMIDAN 50-WP is compatible with most commonly used insecticides, miticides and fungicides, but is incompatible with alkaline materials such as Bordeaux and lime.

#### **APPLICATION RATES**

**ALFALFA - Alfalfa Weevil:** Apply 2.25 kilograms in 200 to 500 litres of water per hectare. Do not apply more than once per cutting or within 7 days of harvest. **Alfalfa blotch leafminer**, apply 2.25 kilograms in 200 to 500 litres of water per hectare when first signs of infestation are visible. Do not apply during bloom. Do not apply within 7 days of harvest.

**APPLES - Codling moth, redbanded leaf roller, plum curculio, apple maggot, apple aphid, spotted tentiform leafminer, oblique-banded leafroller\*, green fruitworm, tarnished plant bug, eye-spotted bud moth, San Jose scale, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle and spring cankerworm. Suppresses European red mite and twospotted spider mite.** Apply 1.25 kilograms per 1,000 litres of water. Apply at regular spray intervals. May be applied up to the day before harvest.

\*Begin sprays for oblique-banded leafroller within 7-10 days after first moths are trapped.

**BLUEBERRIES - Blueberry maggot:** Apply 2.25 kilograms of IMIDAN 50-WP in 1,000 litres of water per hectare. A second application may be made when indicated by insect infestations and local or provincial spray programs. Apply between July 15-30. Do not apply within 15 days of harvest.

**CARROTS - Carrot weevil:** Apply 2.25 kilograms per hectare in sufficient water to provide good coverage. Consult local agricultural authorities regarding proper timing of spray applications. Do not apply more than 2 times per season. Do not apply within 40 days of the harvest.

**CELERY(Field) - Carrot Weevil:** Apply 2.25 kilograms per hectare in up to 1,000 litres of water per hectare. Do not apply more than 2 times per season. Consult local agricultural authorities regarding proper timing of spray application. Do not apply within 40 days of harvest.

**CHERRIES, SOUR(TART) - Peach twig borer, plum curculio, redbanded leaf roller, cherry fruit fly, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle and spring cankerworm and**

**suppression of European red mite and twospotted spider mite:** Apply 1.25 kilograms per 1,000 litres of water. Apply at regular spray intervals. Do not apply within 7 days of harvest.

**GRAPES - Grape berry moth, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle and spring cankerworm:** Apply 1.25 kilograms per 1,000 litres of water. Make application sprays per hectare of 1,500 litres of water at prebloom, 2,000 litres at postbloom and 2,500 litres at the first cover. Do not apply within 7 days of harvest.

**PEARS - Pear psylla, codling moth, redbanded leafroller, plum curculio, oblique-banded leafroller\*, green fruitworm, rust mite, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle and spring canker worm and suppression of European red mite and twospotted spider mite:** Apply 1.25 kilograms per 1,000 litres of water. Apply at regular spray intervals. May be applied up to the day before harvest.

\*Begin sprays for oblique-banded leafroller within 7-10 days after first moths are trapped.

**PEACHES - Plum curculio, peach twig borer, oriental fruit moth, oblique-banded leafroller\*, tarnished plant bug, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle and spring cankerworm and suppression of European red mite and twospotted spider mite:** Apply 1.25 kilograms per 1,000 litres of water. Apply at regular spray intervals. May be applied up to the day before harvest.

\*Begin sprays for oblique-banded leafroller within 7-10 days after first moths are trapped.

**PLUMS - Plum curculio, peach twig borer, apple maggot, redbanded leafroller, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle and spring cankerworm and suppression of European red mite and twospotted spider mite:** Apply 1.25 kilograms per 1,000 litres of water. Apply at regular spray intervals. May be applied up to the day before harvest.

**POTATOES - Colorado potato beetle, potato flea beetle, potato leafhopper, potato aphid:** Apply 2.25 kilograms per hectare in sufficient water to provide good coverage. Apply as required throughout the growing season. Do not apply within 7 days of harvest.

**SHADE TREES AND ORNAMENTALS - IMIDAN 50-WP** is recommended for use by

commercial applicators on shade and ornamental trees, woody evergreens, shrubs and herbaceous plants, specified below, in parks, recreational areas, along thoroughfares and other localized areas to control gypsy moth, Japanese beetle, spring cankerworm, eastern tent caterpillar, elm spanworm and birch leafminer.

**DECIDUOUS SHADE AND ORNAMENTAL TREES:** Recommended on deciduous shade and ornamental trees (ash, beech, oak, dogwood, willow, hickory, hawthorn, birch, elm, maple) to control:

birch leaf miner (birch trees only)	gypsy moth
elm spanworm	Japanese beetle
spring cankerworm	eastern tent caterpillar

**WOODY EVERGREENS AND SHRUBS:** Recommended on woody evergreens and shrubs (arborvitae, azalea, boxwood, camellia, cedar, fir, hemlock, hydrangea, juniper, lilac, pine, privet, rose, spruce, yew) to control:

elm spanworm	gypsy moth
Japanese beetle	

**HERBACEOUS PLANTS:** Recommended on herbaceous plants (chrysanthemum, geranium, zinnia, petunia, portulaca, four-o'clock, marigold, cosmos) to control:

Japanese beetle	gypsy moth
elm spanworm	

When such Insects or their damage occur, apply at a rate of 1.25 kilograms IMIDAN 50-WP per 1000 litres of water, thoroughly wetting all parts of the affected plants to the point of runoff. Repeat application as necessary to maintain insect control.

The initial application should be made for lepidopterus insects (gypsy moth, elm spanworm, spring cankerworm, eastern tent caterpillar) after most of the eggs have hatched but before heavy feeding damage is noted.

Best results are obtained if application can be delayed until the largest larvae are 13 millimetres long. A second application may be necessary on some species 14 to 21 days after the first.

First generation birch leafminer application should be made in May when the leaves are about half expanded and the small blisters or mines appear noticeable. Make a second application around the first

week of July for control of second generation miners.

Local agricultural authorities can best advise proper timing of spray applications.

**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.

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