

2016-7364
2016-12-14

Nexter - Booklet

GROUP	21	INSECTICIDE
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NEXTER® WP Miticide/Insecticide

For control of mites in apples, cherries (sweet and tart), grapes, pears, strawberries and peach/nectarine orchards, mites as a post-harvest application on raspberries, and pear psylla in pears. Peaches and nectarines are registered in Ontario only.

COMMERCIAL

**READ THE LABEL AND BROCHURE BEFORE USING.
KEEP OUT OF REACH OF CHILDREN.**

GUARANTEE: Pyridaben 75%

REGISTRATION NO.: 25135
PEST CONTROL PRODUCTS ACT



WARNING

POISON

Warning, contains the allergen sulfite

**DANGER: FATAL IF INHALED. DO NOT BREATHE DUST, VAPOUR OR SPRAY MIST.
AVOID CONTACT WITH SKIN, EYES OR CLOTHING.**

**HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN.
READ THE LABEL AND BOOKLET BEFORE USING**

DO NOT SELL WATER-SOLUBLE BAGS SEPARATELY

NET CONTENTS: 600 g (5 x 120 g water-soluble bag)



Gowan Company, L.L.C.
P.O. Box 5569
Yuma, AZ 85366-5569

Product Information: 1-800-883-1844

NEXTER® is a registered trademark of Nissan Chemical Industries Limited used under license by Gowan Company, L.L.C.

GENERAL INFORMATION

This box contains **NEXTER WP Miticide/Insecticide**, a 75% wettable powder, in water-soluble bags (PVA) to control mite pests, including European red mite, apple rust mite, McDaniel spider mite, pear rust mite and two-spotted spider mite, when used at recommended rates.

NEXTER WP Miticide/Insecticide works primarily through contact action, so good spray coverage is necessary.

NEXTER WP Miticide/Insecticide provides excellent knockdown and residual control.

DIRECTIONS FOR USE

Please refer to and retain this booklet for complete directions. Do not handle PVA bags excessively or expose them to moisture as this may cause breakage. Bags should not become wet prior to adding to the spray tank. Do not handle the bags with wet hands or wet gloves. Always reseal the overwrap foil envelope to protect the remaining unused bags.

Do not remove water-soluble bags from overwrap except to add them directly to the spray tank.

Do not place the PVA bags directly in diesel oils, dormant or summer-spray-type oils. PVA bags are water soluble, not oil soluble.

Grapes

Apply to grapes when immature motile stages are present for best control.

Pears

Apply when pear psylla numbers reach significant levels. Second application to pears for mites and pear psylla can be made 30 days after the first application.

Raspberries

Apply to raspberries after harvest when mites appear.

The use of **NEXTER WP Miticide/Insecticide** is compatible with the goal of preservation of predatory mites. This product is easiest on predatory mites when applied late spring to early summer before numbers of beneficial mites have peaked. **NEXTER WP Miticide/Insecticide** is harmful to certain other beneficials (i.e. beneficial insects).

RECOMMENDED APPLICATION RATES

Table 1. NEXTER WP Miticide/Insecticide Application Rate Table

Mites Controlled	Rate per hectare*
European Red Mite (<i>Panonychus ulmi</i>) Apple Rust Mite (<i>Aculus schlechtendali</i>) Pear Rust Mite (<i>Epirimerus pyri</i>)	300 grams (2.5 bags)
Two-spotted Spider Mite (<i>Tetranychus urticae</i>) McDaniel Spider Mite (<i>Tetranychus mcdanieli</i>)	300** or 600 grams*** (2.5 or 5 bags)
Pear Psylla (<i>Cacopsylla pyricola</i>)	600 - 720 grams (5 - 6 bags)

* Based on water volume (3000 L/ha).

** Good control will be achieved at or below the mite action threshold.

*** For faster knockdown and control above mite action thresholds late season.

NOTE: NEXTER WP Miticide/Insecticide controls nymph and larva stage of two-spotted spider and McDaniel mites and all motile stages of European red, apple rust mite and pear rust mite. This product is not an ovicide.

If product is applied as a concentrate spray, do not apply at rates less than 200 g/ha for European red, apple rust mite, pear rust mite, two-spotted and McDaniel spider mite or 400 g for two-spotted and McDaniel spider mite above action threshold level.

Do not use less than 1000 L/ha water volume. For foliar application using ground application equipment only.

Crop Recommendation Table

Crop	Application to Harvest Interval (Days)	Maximum Number of Applications/Year	Maximum Product Used (kg/ha)/Year on the Same Orchard
Apples	25	2	1.2
Cherries (sweet and tart)*	7	1	0.6
Grapes	25	1	0.6
Peaches/Nectarines (Ontario only)	14	1	0.6
Pears	25	2	1.44
Raspberries: Post-harvest application only	N/A	2	1.2
Strawberries	10	2	1.2

*For optimal control, apply product in sufficient water for good leaf coverage (3000 L/ha).

TIMING

NEXTER WP Miticide/Insecticide should be applied when populations are building and before serious crop injury occurs. Consult provincial guidelines and local extension experts for treatment threshold and advice. Mites cause the most economic damage one week to one month following bloom. **NEXTER WP Miticide/Insecticide** provides excellent knockdown and residual control. A good performance evaluation can be made 7-10 days after treatment.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **NEXTER WP Miticide/Insecticide** contains a Group 21 insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to **NEXTER WP Miticide/Insecticide** and other Group 21 insecticides/acaricides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides is 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 resistance:

- Where possible, rotate the use of **NEXTER WP Miticide/Insecticide** or other Group 21 insecticides/acaricides with different groups that control the same pests in a field.
- Use tank mixtures with insecticides/acaricides from a different group when such use is permitted.
- Insecticide/acaricide 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 or to report suspected resistance, contact Gowan Company at 1-800-883-1844.

MIXING

1. Fill the spray tank one-half full of water and start agitation.
2. Add the required number of water-soluble bags to the tank.
3. Continue agitation while filling tank to the desired spray volume.
4. Allow the bags to completely dissolve before spraying.
5. Dilute **NEXTER WP Miticide/Insecticide** in enough water to provide thorough spray coverage. If foaming occurs, an anti-foaming agent may be used.

NOTE: Do not attempt to use the PVA bags directly in diesel, oils or summer-type oils as in ULV or LV use. PVA bags are water-soluble, not oil-soluble.

TANK MIXING

Physical incompatibility, reduced pest control or crop injury may result from mixing **NEXTER WP Miticide/Insecticide** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Gowan Company does not offer any recommendations for tank mixing **NEXTER WP Miticide/Insecticide** with any other products.

RESTRICTIONS AND LIMITATIONS

Do not use products that contain boron because boron will prevent the water-soluble bags from dissolving. If boron-containing products have been used in previous applications, thoroughly wash the spray tank according to the recommended tank cleaning methods.

Do not apply this product through any type of irrigation system.

DO NOT APPLY THIS PRODUCT BY AIR.

Do not apply directly to aquatic systems. Aquatic systems include all permanent lentic (standing) and lotic (flowing) water bodies. This product is toxic to aquatic invertebrates, fish and aquatic plants. To mitigate impact on these organisms, a minimum buffer zone width of 49 m from aquatic systems should be observed with applications with air-blast sprayers.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

1. May be harmful if swallowed. Do not take internally.
2. May be fatal if inhaled. Do not inhale dust, vapour or spray mist. May irritate eyes. Avoid contact with eyes, skin and clothing.
3. Wash thoroughly after handling and before eating, drinking or smoking.
4. Wear long-sleeved shirt, long pants, rubber boots, goggles, gloves (rubber, PVC, neoprene or nitrile), hat and a dust/mist filtering respirator during mixing, loading and application. DO NOT re-enter treated areas within 24 hours. If required, individuals may re-enter treated areas within 24 hours for short-term tasks not involving hand labour if at least 4 hours has passed since application and long pants, long-sleeved shirt, hat and chemical-resistant gloves are worn.
5. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
6. Clean spray equipment thoroughly after use.
7. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
8. This product is highly toxic to bees exposed to direct treatment or residues on crops. Do not apply or allow **NEXTER WP Miticide/Insecticide** to drift to crops or weeds on which bees are actively foraging. Do not allow spray to drift towards beehives.

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:

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

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

In case of emergency involving a major spill, leak or fire call Chemtrec® at 1-800-424-9300. For medical emergencies call 1-888-478-0798

TOXICOLOGICAL INFORMATION

The patient should be treated symptomatically.

STORAGE

1. Store in original tightly closed container. Do not expose water-soluble bags to moisture.
2. Do not ship or store near food, feed, seed and fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.

DISPOSAL

1. Follow provincial instructions for any required cleaning of the container prior to its disposal.
2. Make the empty container unsuitable for further use.
3. Dispose of the container in accordance with provincial requirements.
4. For information on 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 the 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.

Nexter – base panel for booklet – permanently attached to foil bag

GROUP	21	INSECTICIDE
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PEST CONTROL PRODUCTS ACT



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Nexter - case

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NET CONTENTS: 3 kg (5 x 5 x 120 g water-soluble bag)



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Nexter – WSB



NEXTER® WP MITICIDE/INSECTICIDE
COMMERCIAL

Pyridaben 75% Wettable Powder

REGISTRATION NO. 25135
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 120 g



WARNING

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