

2019-1017  
2019-09-10

DYNO-MITE – booklet

GROUP	21	INSECTICIDE
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**DYNO-MITE®  
MITICIDE/INSECTICIDE  
WETTABLE POWDER FORMULATION**

For control of mites and whiteflies in greenhouses on ornamental plants, flower and foliage crops and mites on greenhouse peppers, cucumbers and tomatoes and outdoor ornamental plants for nursery stock.

**COMMERCIAL**  
**ACTIVE INGREDIENT:** Pyridaben ..... 75%  
**REGISTRATION NO.:** 25229  
**PEST CONTROL PRODUCTS ACT**



**WARNING**

**POISON**

Warning, contains the allergen sulfites

**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:**

**Plant Products Inc  
50 Hazelton St.,  
Leamington Ontario  
N8H 3W1  
519-326-9037**

## GENERAL INFORMATION

This package contains **DYNO-MITE** miticide/insecticide, a 75% wettable powder, in water-soluble bags (PVA) to control mites and whiteflies in greenhouses on ornamental plants and flowers and foliage crops and mites on greenhouse peppers, greenhouse cucumbers, greenhouse tomatoes and outdoor ornamentals for nursery stock.

**DYNO-MITE** miticide/insecticide works primarily through contact action, so good spray coverage is necessary.

**DYNO-MITE** miticide/insecticide provides excellent knockdown and residual control. A good evaluation of performance can generally be made 4 to 7 days after treatment.

## DIRECTIONS FOR USE

**DYNO-MITE** miticide/insecticide solution is prepared by placing the 28-gram PVA bags into water where they dissolve so the contents can disperse. After removing the PVA bags required for application, reseal the foil envelope making sure that the child proof tab is engaged. Do not handle PVA bags excessively or expose them to moisture as this may cause breakage. PVA 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. While agitating, add the required number of bags as determined by the dosage recommendations. The time required for the bags to dissolve will depend on water temperature and the degree of agitation.

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

## APPLICATION RATES

Greenhouse grown ornamental trees, shrubs, plants and flowers (see Table 4 for list of plant species tested for tolerance)

**TABLE 1: APPLICATION RATES FOR DYNO-MITE MITICIDE/INSECTICIDE**

Pest	Concentration*	Use Directions
Twospotted spider mites	142-284 grams of DYNO-MITE in 1000 litres of water.  This is equivalent to 5–10 (28 gram) PVA bags <b>OR</b> 1–2 (142 gram) PVA bags in 1000 litres of water.	Apply DYNO-MITE in a sufficient water volume to ensure thorough coverage. <b>DO NOT</b> use more than 1000 litres of spray solution per hectare. DYNO-MITE Miticide/Insecticide can only be used on plant growth stages for which thorough coverage can be achieved with a maximum spray volume of 1000 L/ha.
Whiteflies (Sweet potato, greenhouse)	284-425 grams of DYNO-MITE in 1000 litres of water.  This is equivalent to 10–15 (28 gram)	<b>DO NOT</b> use DYNO-MITE in successive miticide applications. Use DYNO-MITE

	PVA bags <b>OR</b> 2-3 (142 gram) PVA bags in 1000 litres of water.	in rotation with other miticides with different modes of action.  A minimum re-application interval of 28 days is required between DYNO-MITE applications.
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\*: DO NOT apply more than 2 applications per crop cycle. DO NOT apply more than 8 applications per year.

\*\* Made of a film of polyvinyl alcohol.

## TIMING

Treat when pests are immature or at susceptible stage and populations are building before crop damage.

**TABLE 2: APPLICATION RATE FOR CONTROL OF TWO-SPOTTED SPIDER MITES ON GREENHOUSE PEPPERS, GREENHOUSE CUCUMBERS AND GREENHOUSE TOMATOES**

Crop	Concentration	Max. # of applications / crop cycle	Max. # of applications / year	Min. application interval	Pre-harvest interval	Use Directions
Greenhouse peppers*	284 grams of DYNO-MITE in 1000 litres of water.  This is equivalent to 10 (28 gram) PVA bags <b>OR</b> 2 (142 gram) PVA bags in 1000 litres of water.	2	2	30 days	3 days	Apply DYNO-MITE in a sufficient water volume to ensure thorough coverage. DO NOT use more than 1000 litres of pray solution per hectare. DYNO-MITE Miticide/ Insecticide can only be used on plant growth stages for which thorough coverage can be achieved with a maximum spray volume of 1000 L/ha.
Greenhouse cucumbers	284 grams of DYNO-MITE in 1000 litres of water.  This is equivalent to 10 (28 gram) PVA bags <b>OR</b> 2 (142 gram) PVA bags in 1000 litres of water.	2	8	28 days	2 days	DO NOT use DYNO-MITE in successive

Crop	Concentration	Max. # of applications / crop cycle	Max. # of applications / year	Min. application interval	Pre-harvest interval	Use Directions
Greenhouse tomatoes**	284 grams of DYNO-MITE in 1000 litres of water.  This is equivalent to 10 (28 gram) PVA bags <b>OR</b> 2 (142 gram) PVA bags in 1000 litres of water.	2	2	30 days	2 days	miticide applications. Use DYNO-MITE in rotation with other miticides with different modes of action.

\* Apply when mites first appear and before the threshold of 5 mites per leaf is reached.

\*\* **Do not use DYNO-MITE miticide/insecticide-treated tomatoes for processing.**

**TABLE 3: RECOMMENDED APPLICATION RATES FOR OUTDOOR GROWN ORNAMENTALS**

Pests	Concentration*	Use directions
European Red Mite ( <i>Panonychus ulmi</i> )  Twospotted Spider Mite ( <i>Tetranychus urticae</i> )  Apple Rust Mite ( <i>Aculus schlechtendali</i> )  Pear Rust Mite ( <i>Epirimerus pyri</i> )	284 grams of DYNO-MITE in 1000 litres of water.  This is equivalent to 10 (28 gram) PVA bags <b>OR</b> 2 (142 gram) PVA bags in 1000 litres of water.	Apply DYNO-MITE in a sufficient water volume to ensure thorough coverage. <b>DO NOT</b> use more than 1000 litres of spray solution per hectare. DYNO-MITE Miticide/Insecticide can only be used on plant growth stages for which thorough coverage can be achieved with a maximum spray volume of 1000 L/ha.  <b>DO NOT</b> use DYNO-MITE in successive miticide applications. Use DYNO-MITE in rotation with other miticides with different modes of action.  A minimum re-application interval of 28 days is required between DYNO-MITE applications.

\***DO NOT** apply more than 2 applications per year.

### TIMING

Apply when mites first appear and before crop damage is evident since **DYNO-MITE** miticide/insecticide may require several days before mites exhibit symptoms. **DYNO-MITE** miticide/insecticide is not ovicidal.

**DO NOT apply by air.**

**Field sprayer application:** **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 8 km/h at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Air-induction nozzles must be used for the ground application of this product. Boom height must be 60 cm or less above the crop or ground.

**Airblast application:** **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

"**DO NOT** allow effluent or run-off from greenhouses containing this product to enter lakes, streams, ponds or other waters".

**Buffer zones:**

Spot treatments using hand-held equipment **DO NOT** require a buffer zone. The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats ( such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Crop		Buffer Zones (meters) Required for Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths		Terrestrial habitat
			Less than 1m	Greater than 1 M	Less than 1m	Greater than 1 M	
Groundboom	Outdoor ornamental		10	1	1	1	0
Airblast	Outdoor ornamental	Late growth stage	55	30	20	15	0

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for airblast application of this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site. Buffer zones for groundboom sprayer application **CANNOT** be modified using the Buffer Zone

Calculator.

To reduce run-off from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

To protect pollinators, follow the instructions regarding bees in the Environmental Precautions section.

For outdoor ornamentals:

TOXIC to bees. DO NOT apply during the crop blooming period.

For greenhouse use: TOXIC to bees and other beneficial insects. May harm bee and other beneficial insects used in greenhouse production. Avoid application when bees or other beneficial insects are foraging in the treatment area.

DO NOT apply by hand-held mistblower or hand-held fogger.

DO NOT use more than 1000 litres of spray solution per hectare

**TABLE 4: LIST OF PLANT SPECIES TESTED FOR TOLERANCE TO DYNO-MITE MITICIDE/INSECTICIDE\***

<b>Common Name</b>	<b>Scientific name</b>
Ageratum, Blue Blazer	<i>Ageratum houstonianum</i>
Aluminum Plant	<i>Pilea cadierei</i>
Allyssum	<i>Lobularia marittima</i> "white"
Anthurium	<i>Anthurium sp.</i>
Arborvitae, American	<i>Thuja occidentalis, smaragd</i>
Aster, Rainbow Aster, Solidago	<i>Aster sp.</i>
Azalea	<i>Rhododendron sp.</i>
Barberry, Japanese Red Leaf	<i>Berberis thunbergii (atropurpureum)</i>
Begonia	<i>Begonia semperflorens</i>
Boxwood, Japanese	<i>Buxus japonica</i>
Caladium	<i>Caladium sp.</i>
Camellia	<i>Camellia japonica</i>
Carnation, Pallas Londerga, Pink Candy	<i>Dianthus caryophyllus</i>
Celosia	<i>Celosia argenta</i> "Dwarf Mixed"
Chrysanthemum	<i>Chrysanthemum sp.</i>
Christmas Cactus	<i>Schlumbergera bridgesii</i>
Cimmaron	<i>Medicago sativae</i>
Cinquefoil	<i>Potentilla fruticosa</i> "McKay's white"
Coleus	<i>Coleus hybridus</i>
Cosmos	<i>Cosmos sp.</i>
Croton, Pictum	<i>Codiaeum variegatum</i>
Cyclamen	<i>Cyclamen persicum</i>
Dalia	<i>Dahlia sp.</i>
Daylily	<i>Hemerocallis sp.</i>
Dianthus, Pink, Telstar Lavender, Telstar White	<i>Dianthus sp.</i>
Dieffenbachia, Dumb Cane	<i>Dieffenbachia sp.</i>
Dogwood, Cornelian Cherry	<i>Cornus sp.</i>
Dracaena	<i>Dracaena marginata</i>
Dusty Miller	<i>Centaurea cineraria</i>
Elm	<i>Ulmus sp.</i>
Euonymus	<i>Euonymus sp.</i>
False Cypress	<i>Chamaecyparis pisifera</i>
Fern, Pteris Fern, Asparagus Fern, Maidenhair	<i>Pteris biaurita</i> <i>Asparagus setaceus</i> <i>Adiantum sp.</i>
Fir, Fraser, Noble	<i>Abies fraseri</i> <i>Abies procera</i>
Fire Thorn	<i>Pyracantha coccinea</i>
Fuchsia	<i>Fuchsia sp.</i>
Gardenia, August Beauty	<i>Gardenia jasminoides</i>
Geranium	<i>Geranium sp.</i>

<b>Common Name</b>	<b>Scientific name</b>
Gerbera Daisy	<i>Gerbera sp.</i>
Gloxinia	<i>Sinningia speciosa</i>
Gold Dust Plant	<i>Aucuba japonica</i>
Goldfish plant	<i>Alloplectus nummularia</i>
Hibiscus	<i>Hibiscus sp.</i>
Holly, Chinese	<i>Ilex cornuta</i>
Holly, Burford	<i>Ilex cornuta "Burfordii"</i>
Holly, Japanese	<i>Ilex crenata</i>
Honeysuckle	<i>Lonicera sp.</i>
Hyacinth, Common	<i>Hyacinthus orientalis</i>
Hydrangea	<i>Hydrangea sp.</i>
Hydrangea-vine	<i>Schizophragma hydrangea</i>
Impatiens	<i>Impatiens sp</i>
Iris, Miniature	<i>Iris sp.</i>
Ivy, English	<i>Hedera helix</i>
Ivy, Pothos	<i>Epipremnum aureum</i>
Juniper	<i>Juniperus sp.</i>
Kalanchoe	<i>Kalanchoe sp.</i>
Lilac	<i>Syringa patula</i>
Lily, Easter	<i>Lilium longiflorum</i>
Lily, Calla	<i>Zantedeschia sp.</i>
Lily, Peace	<i>Spathiphyllum sp.</i>
Lily, Orange pixie	<i>Lilium longiflorum</i>
Lobelia	<i>Lobelia sp.</i>
Magnolia	<i>Magnolia sp.</i>
Mandevilla, Pink	<i>Mandevilla sp.</i>
Marigold	<i>Tagetes sp.</i>
Mock Orange	<i>Philadelphus coronarius</i>
Muscari (Grape Hyacinth)	<i>Muscari sp.</i>
Palm, Parlor (Neantha Bella)	<i>Chamaedorea elegans</i>
Pansy	<i>Viola wittrockiana</i>
Pear, Bradford	<i>Pyrus calleryana "Bradford"</i>
Periwinkle	<i>Vinca sp.</i>
Petunia, Harmony Boy Petunia, White Cascade Petunia, White Madness	<i>Petunia hybrida</i>
Phlox, Summer	<i>Phlox paniculata</i>
Photinia, Red Tip	<i>Photinia x fraseri</i>
Piggyback plant	<i>Tolmiea menziesii</i>
Pinks (Dianthus)	<i>Dianthus sp.</i>
Pink Splash	<i>Hypoestes phyllostachya</i>
Pittosporum	<i>Pittosporum sp.</i>
Poinsettia	<i>Euphorbia pulcherrima</i>
Ponytail plant	<i>Beaucarnea recurvata</i>
Poppy	<i>Papaver sp.</i>
Prayer plant	<i>Maranta leuconeura</i>
Primrose	<i>Primula sp.</i>



Common Name	Scientific name
Privet, Golden Vicary	<i>Ligustrum x vicaryi</i>
Redvein Enkianthus	<i>Enkianthus sp.</i>
Rose	<i>Rosa sp.</i>
Rose Moss	<i>Portulaca grandiflora</i>
Rhododendron, English Roseum	<i>Rhododendron sp.</i>
Salvia, Landscaper Salvia, Red Hot Salvia, Victoria	<i>Salvia splendens</i>
Schefflera	<i>Schefflera actinophylla</i>
Snapdragon	<i>Antirrhinum majus</i>
Spirea	<i>Spirea sp.</i>
Spruce, Norway Nest	<i>Picea abies "nidiformis"</i>
Sunflower, Miniature	<i>Helianthus annuus</i>
Syngonium	<i>Syngonium podophyllum</i>
Tobacco, Ornamental	<i>Nicotiana sp.</i>
Trumpet creeper	<i>Campsis grandiflora</i>
Tulips	<i>Tulipa sp.</i>
Viburnum, Snowball Bush	<i>Viburnum sp.</i>
Verbena Verbena, Lemon Verbena, Scarlet Romance	<i>Verbena hybrida</i>
Vinca, Little Blanche Vinca, Periwinkle	<i>Vinca sp.</i>
Violet, African	<i>Saintpaulia ionantha</i>
Wandering Jew	<i>Tradescantia albiflora</i>
Wisteria	<i>Wisteria sp.</i>
Zinnia, Scarlet Flame Zinnia, Giant Cactus Zinnia, Lilliput Zinnia, Dreamland	<i>Zinnia elegans</i>

\*Only the petunia (var. white madness) displayed an adverse effect - colour change in blossom.

DYNO-MITE Miticide/Insecticide has been evaluated for phytotoxicity on a wide range of ornamental plants; however, it has not been possible to evaluate all commercially important species, varieties and cultivars within the species listed below. Local conditions can also influence crop safety and may not match those under which DYNO-MITE Miticide/Insecticide was tested. Apply DYNO-MITE Miticide/Insecticide to a small area (8-12 plants) and evaluate for 3-5 days before attempting a large-scale spray to make sure that no phytotoxicity occurs. DYNO-MITE Miticide/Insecticide may leave residues when used at high rates. See Restrictions and Limitations section.

## ENVIRONMENTAL PRECAUTIONS

This product is toxic to aquatic invertebrates, plants, fish and terrestrial plants. Observe buffer zones specified under **DIRECTIONS FOR USE**. DYNO-MITE miticide/insecticide is harmful to certain beneficials (i.e. beneficial insects). 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.

TOXIC to bees. Bees may be exposed through direct spray, spray drift, and residues on leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance "Protecting Pollinators during Pesticide Spraying - Best Management Practices" on the Health Canada website ([www.healthcanada.gc.ca/pollinators](http://www.healthcanada.gc.ca/pollinators)). Follow crop specific directions for application timing.

For applications on crops that are highly attractive to pollinators (outdoor ornamentals), and crops where managed bees are present: DO NOT apply during the crop blooming period.

For greenhouse use: Toxic to bees and other beneficial insects. May harm bees and other beneficial insects used in greenhouse production. Avoid application when bees or other beneficial insects are foraging in the treatment area.

TOXIC to beneficial arthropods. Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.  
TOXIC to birds.

TOXIC to small wild mammals.

TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

## **MIXING**

1. Fill the spray tank one-half full of water and start agitation.
2. Add the required number of PVA 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 **DYNO-MITE** 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.

The toxicity of **DYNO-MITE** miticide/insecticide to beneficial predators or parasites has not been evaluated. Use with caution in a pest management program utilizing beneficial arthropods.

## **RESTRICTIONS AND LIMITATIONS**

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

Do not apply this product by air.

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.

Physical incompatibility, reduced pest control or crop injury may result from mixing **DYNO-MITE** miticide/insecticide with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Plant Products Inc. does not offer any recommendations for tank mixing **DYNO-MITE** miticide/insecticide with any other products.

## **RESISTANCE MANAGEMENT**

For resistance management, please note that **DYNO-MITE** miticide/insecticide contains a Group 21 insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to **DYNO-MITE** 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 **DYNO-MITE** 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 Plant Products Inc. at 519-326-9037.

## **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 waterproof rain gear, rubber boots, socks, goggles, gloves (rubber, PVC, neoprene or nitrile), hat and a respirator with a NIOSH approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH approved canister approved for pesticides during mixing, loading application, clean-up and repair. DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Employers should make every effort to schedule pesticide applications and worker tasks in order to avoid early entry of workers into treated areas. Under exceptional circumstances, certified pesticide applicators may enter treated areas for short-term tasks not involving hand labour if at least 4 hours have passed since application and waterproof rain gear over long-sleeved shirt and long pants, rubber boots, socks, goggles, gloves (rubber, PVC, neoprene or nitrile), hat and a respirator with a NIOSH approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH approved canister approved for pesticides are worn. Time spent in the treated area cannot exceed 1 hour in a 24 hour period or until the REI ends.
5. If clothing becomes contaminated, remove and wash separate 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.

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 ([www.croplife.ca](http://www.croplife.ca))

This product is only to be used by individuals holding an appropriate pesticide applicator certificate or license recognized by the provincial/territorial pesticide regulatory agency where the pesticide application is to occur.

**DO NOT** use in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Hazardous to humans and domestic animals. Keep out of reach of children and pets

DO NOT allow entry or allow workers to enter treated areas during the restricted entry intervals REI(s) specified in the following table.

Crop	Postapplication Activity	Restricted Entry Interval
All other crops	All activities	12 hours

## **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.**

## **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.
4. To prevent contamination store this product away from food or feed.

## **DISPOSAL**

1. Follow provincial instructions for any required additional 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.

2019-1017  
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DYNO-MITE – base panel for booklet permanently attached to foil envelope

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**ACTIVE INGREDIENT:** Pyridaben ..... 75%  
**REGISTRATION NO.:** 25229  
**PEST CONTROL PRODUCTS ACT**



**WARNING**                      **POISON**

Warning, contains the allergen sulfites.

**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:**

Plant Products Inc  
50 Hazelton St.,  
Leamington Ontario  
N8H 3W1  
519-326-9037



## **DIRECTIONS FOR USE**

**DYNO-MITE** miticide/insecticide solution is prepared by placing the 28-gram PVA bags into water where they dissolve so the contents can disperse. After removing the PVA bags required for application, reseal the foil envelope making sure that the child proof tab is engaged.

Do not handle PVA bags excessively or expose them to moisture as this may cause breakage. PVA 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.

## **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 waterproof rain gear, rubber boots, socks, goggles, gloves (rubber, PVC, neoprene or nitrile), hat and a respirator with a NIOSH approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH approved canister approved for pesticides during mixing, loading application, clean-up and repair. DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Employers should make every effort to schedule pesticide applications and worker tasks in order to avoid early entry of workers into treated areas. Under exceptional circumstances, certified pesticide applicators may enter treated areas for short-term tasks not involving hand labour if at least 4 hours have passed since application and waterproof rain gear over long-sleeved shirt and long pants, rubber boots, socks, goggles, gloves (rubber, PVC, neoprene or nitrile), hat and a respirator with a NIOSH approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH approved canister approved for pesticides are worn. Time spent in the treated area cannot exceed 1 hour in a 24 hour period or until the REI ends.
5. If clothing becomes contaminated, remove and wash separate 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.

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 ([www.croplife.ca](http://www.croplife.ca))

This product is only to be used by individuals holding an appropriate pesticide applicator certificate or license recognized by the provincial/territorial pesticide regulatory agency where the pesticide application is to occur.

**DO NOT** use in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Hazardous to humans and domestic animals. Keep out of reach of children and pets

DO NOT allow entry or allow workers to enter treated areas during the restricted entry intervals REI( s) specified in the following table.

Crop	Postapplication Activity	Restricted Entry Interval
All other crops	All activities	12 hours

#### **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.**

#### **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 additional 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.

2019-1017  
2019-09-10

DYNO-MITE – WSB

**DYNO-MITE®**  
**MITICIDE/INSECTICIDE**

**COMMERCIAL**

Pyridaben ..... 75% Wettable Powder

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Product Information: 519-326-9037