



GROUP	23	INSECTICIDE
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Bayer CropScience

MOVENTO[®] 150 OD Insecticide

Oil Dispersible Insecticide

For control of certain insects on listed fruit, vegetable and field crops

COMMERCIAL

GUARANTEE: Spirotetramat..... 150g/L

SUSPENSION

REGISTRATION NO. 28954 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

DANGER - EYE IRRITANT

POTENTIAL SKIN SENSITIZER



POISON

NET CONTENTS : __ Litres

Product Information: 1-888-283-6847

www.bayercropscience.ca

Bayer CropScience Inc.
200-160 Quarry Park Boulevard S.E.
Calgary, Alberta T2C 3G3

"In case of spills, poisoning or fire, telephone emergency response number 1-800-334-7577 (24 hours a day)."

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.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Severely irritating to the eye. DO NOT get in eyes. Harmful if swallowed or absorbed through skin. Potential skin sensitizer. Avoid contact with skin or clothing. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Harmful if inhaled. Avoid inhaling/breathing vapour/mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Do not apply this product using high pressure hand wand equipment.

Do not enter or allow worker entry into treated area during the restricted entry interval (REI) of 12 hours.

PROTECTIVE CLOTHING AND EQUIPMENT:

Potential skin sensitizer.

Mixer and loaders must wear long-sleeved shirt, long pants, chemical resistant gloves, goggles or a face shield and shoes plus socks. Applicators must wear long-sleeved shirt, long pants, goggles or a face shield and shoes plus socks. When mixing, loading and applying using backpack workers must wear long-sleeved shirt, long pants, chemical resistant gloves, goggles or a face shield and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove Personal Protective Equipment immediately after handling this product.
- Wash the outside of gloves before removing.
- As soon as possible, wash thoroughly and change into clean clothing.

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 web site 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	<ul style="list-style-type: none"> • Call a poison control center 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 center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • 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.

TOXICOLOGICAL INFORMATION:

Note to Physician: No specific antidote is available. Treat patient symptomatically

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms.

To reduce runoff 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 strip between the treated area and the edge of the water body.

TOXIC to bee brood. Bee Brood may be exposed to residues in/on pollen and nectar brought back to the hive by bees foraging on flowering crops and weeds. DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area. Minimize spray drift to habitats close to the application site. This product is TOXIC to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site, such as hedgerows and woodland.

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

STORAGE

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

MOVENTO® 150 OD Insecticide is packaged in poly-ethylene containers. Do not allow product or containers to freeze. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

DISPOSAL

For Recyclable Containers: Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

Disposal of Unused, Unwanted Product: 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 cleanup of spills.

MOVENTO® 150 OD Insecticide is registered trademarks of Bayer.



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GENERAL INFORMATION

Section 1: Notices

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.

Section 2: The Product

MOVENTO[®] 150 OD Insecticide is an Oil Dispersion formulation. Following application to plant foliage, MOVENTO[®] 150 OD Insecticide is fully systemic, moving through phloem and xylem to all plant tissues including new shoot, leaf and root growth. MOVENTO[®] 150 OD Insecticide is active primarily by ingestion by immature insect life stages. Application should be timed to coincide with an early threshold level in developing insect populations. MOVENTO[®] 150 OD Insecticide can be applied by airblast, aerial and ground application equipment.

SAFETY AND HANDLING

Section 3: Precautions, Protective Clothing and Equipment

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Severely irritating to the eye. DO NOT get in eyes. Harmful if swallowed or absorbed through skin. Potential skin sensitizer. Avoid contact with skin or clothing. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Harmful if inhaled. Avoid inhaling/breathing vapour/mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

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Do not enter or allow worker entry into treated area during the restricted entry interval (REI) of 12 hours.

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Section 4: First Aid and Toxicological Information
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FIRST AID:

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

If swallowed	<ul style="list-style-type: none">• Call a poison control center 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 center or doctor.• Do not give anything by mouth to an unconscious person.
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If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
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TOXICOLOGICAL INFORMATION:

Note to Physician: No specific antidote is available. Treat patient symptomatically

Section 5: ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms.

To reduce runoff 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 strip between the treated area and the edge of the water body.

TOXIC to bee brood. Bee Brood may be exposed to residues in/on pollen and nectar brought back to the hive by bees foraging on flowering crops and weeds. DO NOT apply this product during crop flowering period or when flowering weeds are present in the treatment area. Minimize spray drift to habitats close to the application site. This product is TOXIC to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site, such as hedgerows and woodland.

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

Section 6: STORAGE

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

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Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

Section 7: DISPOSAL

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If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. Disposal of Unused, Unwanted Product: 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 cleanup of spills.

DIRECTIONS FOR USE

Section 8: Crops and Pest

TREE AND VINE CROPS

Apply specified dosage of MOVENTO[®] 150 OD Insecticide early in the infestation as the population begins to develop or at early threshold for the target insect pest. Degree of control or suppression of labeled pests will be determined, in part, by the stage of pest development at application and infestation level of those pests.

Do not exceed the maximum amount of MOVENTO[®] 150 OD Insecticide per season.

Application rates within this label are based on mature trees and vines. Higher rates should be used for moderate to heavy insect pressure or where longer residual control is desired. Minimum application volumes: 500 L/ha for conventional ground airblast.

POME FRUIT

Crops of Crop Group 11 Including: Apple, Crabapples, Loquat, Mayhaw, Medlar, Pear, Oriental pear, Quince, Chinese quince, Tejocote, and all varieties and/or hybrids of these.

Pests controlled	Rate mL/ha	Remarks
Rosy apple aphids Apple aphids Whiteflies Pear psylla	585 – 700	Ground application only. Pre-Harvest Interval (PHI): 7 days. Minimum interval between applications: 14 days. Maximum MOVENTO [®] 150 OD Insecticide allowed
Mealybugs San Jose scale	585 – 933	per crop season: 2.93 L/ha.

STONE FRUIT

Crops of Crop Group 12 Including: Apricot, Cherry (sweet and tart), Nectarine, Peach, Plum (includes Chickasaw, Damson, and Japanese), Plumcot, Prune (fresh and dried).

Pests controlled	Rate mL/ha	Remarks
Aphids Whiteflies	585 – 700	Ground application only. Pre-Harvest Interval (PHI): 7 days.
Mealybugs San Jose scale White peach scale	585 – 933	Minimum interval between applications: 14 days. Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.8 L/ha.
Pests suppressed		
Lecanium scale	585 – 933	

GRAPE and SMALL FRUIT VINE CLIMBING (except kiwifruit)

Crops of Crop Subgroup 13F including: Amur river grape, Chinese egg gooseberry, Grape, Maypop (passionflower).

Pests controlled	Rate mL/ha	Remarks
Whiteflies	585 – 700	Ground application only. Pre-Harvest Interval (PHI): 7 days.
Mealybugs Phylloxera	585 – 933	Minimum interval between applications: 30 days. Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.47 L/ha.
Pests suppressed		
Lecanium scale	585 – 933	

TREE NUTS

Crops of Crop Group 14 plus Pistachio Including: Almond, Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut (bush nut), Pecan, Pistachio, Walnut [black and English (Persian)].

Pests controlled	Rate mL/ha	Remarks
Aphids Phylloxera Whiteflies	585 – 700	Ground application only. Pre-Harvest Interval (PHI): 7 days. Minimum interval between applications: 14 days.
Mealybugs San Jose scale Walnut scale	585 – 933	Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 2.53 L/ha.
Pests suppressed		
Lecanium scale	585 – 933	

HOPS

Pest controlled	Rate mL/ha	Remarks
Hop aphid	585 – 700	Ground application only. Pre-Harvest Interval (PHI): 7 days. Minimum interval between applications: 14 days. Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.47 L/ha.

VEGETABLE AND FIELD CROPS

For all crops, apply specified dosage of MOVENTO[®] 150 OD Insecticide. For best results treatment should be made when insect populations begin to build and before a damaging population becomes established. Rate selected for use should depend on stage of pest development at application and infestation level of those pests. Apply in adequate water for uniform coverage; minimum 300 L/ha by ground and 50 L/ha by air. Repeat application at a 7- to 10-day interval if monitoring indicates this is required. Do not exceed the maximum amount of MOVENTO[®] 150 OD Insecticide per season.

TUBEROUS AND CORM VEGETABLES (INCLUDING POTATOES)

Crops of Crop Subgroup 1C Including: Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna (edible), Cassava (bitter and sweet), Chayote (root), Chufa, Dasheen (taro), Ginger, Leren, Potato, Sweetpotato, Tanier, Turmeric, Yam bean, Yam (true).

Pests controlled	Rate mL/ha	Remarks
Aphids Psyllids Whiteflies	347 - 585	Potatoes may be treated by ground or aerial application equipment. Other crops in this group may be treated by ground application equipment only. Pre-Harvest Interval (PHI): 7 days. Minimum interval between applications: 7 days. Maximum MOVENTO [®] 150 OD Insecticide allowed per crop season: 1.17 L/ha.

LEAFY VEGETABLES - NON-BRASSICA

Crops of Crop Group 4 Including: Amaranth (leafy amaranth, Chinese spinach, tampala), Arugula (Roquette), Cardoon, Celery, Celtuce, Chervil, Chinese celery, Chrysanthemum (edible-leaved and garland), Corn salad, Cress (garden), Cress (upland, yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Florence fennel (sweet anise, sweet fennel, Finocchio), Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter), Radicchio (red chicory), Rhubarb, Spinach [including New Zealand and vine (Malabar spinach, Indian spinach)], Swiss chard.

Pests controlled	Rate mL/ha	Remarks
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Aphids Whiteflies	347 - 585	Ground application only. Pre-Harvest Interval (PHI): 3 days. Minimum interval between applications: 7 days. Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.17 L/ha.
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LEAFY VEGETABLES - BRASSICA (COLE)

Crops of Crop Group 5 Including: Broccoli, Broccoli raab (*rapini*), Brussels sprouts, Cabbage, Cauliflower, Cavalo broccolo, Chinese broccoli (*gai lon*), Chinese mustard cabbage (*gai choy*), Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Rape greens, Turnip greens.

Pests controlled	Rate mL/ha	Remarks
Aphids Whiteflies	347 - 585	Ground application only. Pre-Harvest Interval (PHI): 1 day. Minimum interval between applications: 7 days. Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.17 L/ha.

LEGUME VEGETABLES

Crops of Crop Group 6 (except soybean, dry) including: Edible Podded and Succulent Shelled Pea and Bean and Dried Shelled Pea and Bean: Bean (*Lupinus* spp., including grain lupin, sweet lupin, white lupin, and white sweet lupin); Bean (*Phaseolus* spp., including field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean); Bean (*Vigna* spp., including adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, Southern pea, urd bean, yardlong bean); Pea (*Pisum* spp. including dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea); Other Beans and Peas (Broad bean (fava), Chickpea (garbanzo bean), Guar, Jackbean, Lablab bean (hyacinth bean), Lentil, Pigeon pea, soybean (immature seed), Sword bean).

Pests controlled	Rate mL/ha	Remarks
Aphids Whiteflies	293 – 440	Ground application only. Pre-Harvest Interval (PHI): 1 day (edible podded and succulent beans and peas); 7 day (dry shelled beans and peas) Minimum interval between applications: 7 days Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.05 L/ha

SOYBEAN

Pests controlled	Rate mL/ha	Remarks
Aphids Whiteflies	293 – 440	Soybeans may be treated by ground or aerial application equipment. Pre-Harvest Interval (PHI): 21 days Minimum interval between applications: 7 days Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.05 L/ha.

FRUITING VEGETABLES

Crops of Crop Group 8 Including: African Eggplant, Bush tomato, Cocona, Currant tomato, Eggplant (including cultivars and/or hybrids of this), Garden huckleberry, Groundcherry, Martynia, Naranjilla, Okra, Pea eggplant, Pepino, Peppers (including all peppers i.e. bell, non-bell, hot, sweet, etc., and cultivars and/or hybrids of these), Roselle, Scarlet eggplant, Sunberry, Tomatillo, Tomato (including cultivars and/or hybrids of this), Tree tomato.

Pests controlled	Rate mL/ha	Remarks
Aphids Psyllids Whiteflies	347 - 585	Ground application only. Pre-Harvest Interval (PHI): 1 day. Minimum interval between applications: 7 days. Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.17 L/ha.

CUCURBIT VEGETABLES

Crops of Crop Group 9 Including: Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd (edible, includes hyotan, cucuzza, hechima, Chinese okra), *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (hybrids and/or cultivars of *Cucumis melo* including true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon), Pumpkin, Squash (includes summer squash types such as: crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini, and winter squash types such as acorn squash, butternut squash, calabaza, Hubbard squash, spaghetti squash), Watermelon (includes hybrids and/or varieties of *Citrullus lanatus*).

Pests controlled	Rate mL/ha	Remarks
Aphids Whiteflies	347 – 585	Ground application only. Pre-Harvest Interval (PHI): 1 day. Minimum interval between applications: 7 days. Maximum MOVENTO® 150 OD Insecticide allowed per crop season: 1.17 L/ha.

Section 9: APPLICATION INSTRUCTIONS and USE LIMITATIONS

DO NOT apply to table grapes.

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

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), estuarine/ marine habitats.

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

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

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) fine classification. 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.

Aerial 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 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) fine classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotor-span.

Generic Aerial Application Label Instructions - Directions for Use

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

BUFFER ZONES:

Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment.

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).

Method of application	Crop		Buffer Zones (metres) Required for the Protection of Terrestrial Habitat
Field sprayer*	Field Crops		1
Airblast	Orchard Crops	Early growth stage	2
		Late growth stage	1
Aerial	Soybean and potato	Fixed or rotary wing	15

*For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

Section 10: ROTATIONAL CROPS

Plant back interval: A plant back restriction of 30 days is required for all crops not on the label.

Section 11: MIXING INSTRUCTIONS

MOVENTO[®] 150 OD Insecticide is subject to phase separation during storage. Vigorous shaking to re-suspend the product is required before using.

The proper mixing procedure for MOVENTO[®] 150 OD Insecticide is:

- 1) Fill the spray tank 1/2 full with clean water;
- 2) Add the required amount of MOVENTO[®] 150 OD Insecticide,
- 3) Fill spray tank to desired level and maintain constant agitation to ensure uniformity of spray mixture.

Section 12: PRE-HARVEST INTERVALS

Crop	Pre-harvest interval (days)
Grape and small fruit vine climbing	7
Pome fruit	7
Stone fruit	7
Tree nuts	7
Hops	7
Cucurbit vegetables	1
Fruiting vegetables	1
Leafy vegetables – non-brassica	3
Leafy vegetables - brassica	1
Tuberous and corm vegetables	7
Edible podded and succulent beans and peas	1
Dry shelled beans and peas	7
Soybeans	21

Section 13: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that MOVENTO® 150 OD Insecticide contains a Group 23 insecticide. Any insect population may contain individuals naturally resistant to MOVENTO® 150 OD Insecticide and other Group 23 insecticides. The resistant individuals may dominate the insect population if this group of insecticides is 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 insecticide resistance:

- Where possible, rotate the use of MOVENTO® 150 OD Insecticide or other Group 23 insecticides with different groups that control the same pests in a field.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Before applying MOVENTO® 150 OD Insecticide, correctly identify the pest and ensure economic and agronomic thresholds are met as recommended by local provincial or IPM specialists.
- 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 Bayer CropScience via internet at www.bayercropscience.ca or phone 1-888-283-6847.

MOVENTO® 150 OD Insecticide is a registered trademark of Bayer.

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