

(Text for Jug Label - To be Printed in a Single Panel)

INTERCEPT™ 60 WP

Greenhouse and Nursery Insecticide

GROUP	4	INSECTICIDE
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FOR SYSTEMIC INSECT CONTROL ON ORNAMENTAL
AND VEGETABLE PLANTS GROWN IN GREENHOUSES AND NURSERIES

COMMERCIAL

GUARANTEE: Imidacloprid 60.0%

REGISTRATION NUMBER 27357 PEST CONTROL PRODUCTS ACT

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



CAUTION

POISON

NET CONTENTS: 250 g

Bayer CropScience Inc.*
~~Suite 100 - 3131 114th Avenue S.E.~~
~~Calgary, AB T2Z 3X2~~
Telephone: 1-888-283- 6847

Suite 200, 160 Quarry Park Blvd. S.E.
Calgary, Alberta T2C 3G3

Notification Change

*Bayer Environmental Science
A Business Group of Bayer CropScience

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

CAUTION: May be harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Do not breathe dust or vapor.

When handling the product, wear long-sleeved shirt, long pants, and chemical-resistant gloves. Mixer/loaders should also wear a dust mask or respirator with appropriate dust filter, and goggles or face shield in addition to the above.

Vacate the area to be treated until the application is complete.

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

User Safety Recommendations:

User should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE 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 website at: www.croplife.ca.

USE LIMITATIONS

Do **not** allow leachate runoff for the first 10 days after application, in order to retain the product and facilitate full plant uptake of the active ingredient. Do not apply to bedding plants intended to be used as food crops.

On plants with a production cycle of less than one year, do not apply more than once per crop. On stock plants and woody crops with a production cycle of greater than one year, do not apply more than once a year. Do not dispose of treated soil or otherwise contaminate sites outside of greenhouses.

Although soil treatments will minimize direct harm to non-target and beneficial invertebrates, INTERCEPT 60 WP Insecticide may affect certain beneficial predators, parasites and pollinators which may be used in greenhouse ornamental and vegetable production.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Keep out of lakes, streams, ponds or other aquatic systems. Do not contaminate water when disposing of equipment washwaters.

FIRST AID

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 eyes 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.

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

TOXICOLOGICAL INFORMATION: No specific antidote is available. Treat the patient symptomatically.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: 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.

PESTICIDE DISPOSAL: 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.

CONTAINER DISPOSAL: 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.

092908

INTERCEPT™ 60 WP

Greenhouse and Nursery Insecticide

GROUP	4	INSECTICIDE
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FOR SYSTEMIC INSECT CONTROL ON ORNAMENTAL
AND VEGETABLE PLANTS GROWN IN GREENHOUSES AND NURSERIES

COMMERCIAL

GUARANTEE: Imidacloprid 60.0%

REGISTRATION NUMBER 27357 PEST CONTROL PRODUCTS ACT

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KEEP OUT OF REACH OF CHILDREN



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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.

DIRECTIONS FOR USE

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

IMPORTANT: Read these entire DIRECTIONS FOR USE AND GENERAL INFORMATION before using INTERCEPT 60 WP.

Do not formulate this product into other end-use products.

APPLICATION IN GREENHOUSES: INTERCEPT 60 WP is for insect control on ornamental and vegetable plants in greenhouses. INTERCEPT 60 WP is a systemic product and will be translocated upward within the plant. This product is to be applied as a soil or soilless media/hydroponic treatment only. To assure optimum effectiveness, the product must be placed where the roots of the plant can absorb the active ingredient. Irrigate moderately but thoroughly after application, allowing no leaching and runoff from container for at least 10 days after application. Do not apply as a foliar application.

APPLICATION IN NURSERIES: Intercept 60 WP is for control of European Chafer (*Rhizotrogus majalis*) and Japanese beetle (*Popillia japonica*) larvae in all field grown and container grown nursery stock including: trees, shrubs, herbaceous perennials and ornamental grasses. Intercept 60 WP is a systemic product. First and second instar larvae of the European Chafer and Japanese beetle ingest Intercept 60 WP from soil particles and plant roots. Avoid runoff or puddling of irrigation water following application.

- One application per year.
- Do not apply when rainfall is forecast for the next 48 hours.
- Repellency of bumble bee pollinators and negative effects on some beneficials (*Orius* sp.) can occur when INTERCEPT 60 WP is applied.
- Do not harvest nursery stock within 12 hours of treatment.
- Apply INTERCEPT 60 WP during adult beetle mating period/egg laying period up to first egg hatch.
- The need for and timing of application should be based on monitoring of the sites, previous records or experiences, current season adult trapping or other methods.

Incorporation: Incorporation of INTERCEPT 60 WP in plants grown in Greenhouses can be achieved by cultivation, irrigation, mechanical placement, drenching and broadcast sprays.

Incorporation of Intercept 60 WP in Container Grown Nursery Stock can be achieved by irrigation or drenching. For Field Grown Nursery stock, incorporation of Intercept 60 WP can be achieved by broadcast spray and incorporated into soil with overhead irrigation.

NOTE: Woody Perennials: Onset of protection is slower than in herbaceous species. A delay of 2 or more weeks should be expected. Longer delays may be expected with larger plants. Application should therefore be made well in advance of expected insect activity.

Bark Media: Media with 30 to 50% or more bark content may confer a shorter period of protection when treated with INTERCEPT 60 WP.

Tank Mixes: INTERCEPT 60 WP has been found to be compatible with commonly used liquid fertilizers.

Treated soil/soilless media may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, **as soon as practical following the last application**. Do not plant other food crops in treated soil/soilless media within one year of treatment.

**For Field Grown Nursery stock, do not apply through any irrigation system.
Do not apply by aerial application.**

Do not apply when wind speeds are greater than 12 –15 km per hour at site of application.

APPLICATION EQUIPMENT FOR USE IN FIELD GROWN NURSERY STOCK: Apply INTERCEPT 60 WP in sufficient water to provide adequate distribution in the treated area. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check calibration periodically to ensure that equipment is working properly.

APPLICATION EQUIPMENT FOR USE ON GREENHOUSE ORNAMENTALS AND VEGETABLES AND ON CONTAINER GROWN NURSERY STOCK: Apply INTERCEPT 60 WP in sufficient water to provide adequate distribution in the treated area. The use of accurately calibrated equipment normally used for soil application of insecticides (drip irrigation) is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check calibration periodically to ensure that equipment is working properly.

APPLICATION THROUGH IRRIGATION SYSTEMS

INTERCEPT 60 WP may be applied at rates recommended on this label. The normal dilution ratio is 1:10 to 1:200, depending on the system. Always meter the product into the irrigation water during the first part of the irrigation cycle. The product may be mixed separately prior to injection. Agitation may be necessary if the mixture is allowed to stand more than 24 hours.

Remove scale, pesticide residue and other foreign matter from the tank and entire irrigation system.

Apply INTERCEPT 60 WP only through micro-irrigation (individual spaghetti tube), drip irrigation, overhead irrigation, or hand-held or motorized calibrated irrigation equipment. Do not apply this product through any other type of irrigation system. Crop injury or lack of effectiveness can result from nonuniform distribution of treated water.

If you have any questions about calibration, you should contact Provincial Extension specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the recommended safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or a person who is under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

SAFETY DEVICES FOR IRRIGATION SYSTEMS CONNECTED TO PUBLIC WATER SUPPLIES:

If the source of water for your irrigation system is a public water supply, follow the instructions below.

1. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
5. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

SAFETY DEVICES FOR IRRIGATION SYSTEMS NOT CONNECTED TO A PUBLIC WATER SUPPLY:

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where the pesticide distribution is adversely affected.
6. Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

MIXING INSTRUCTIONS

To prepare the spray, add a portion of the required amount of water to the spray tank and with agitation, add Intercept 60 WP. Complete filling the tank with balance of water needed. Maintain sufficient agitation during both mixing and application.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that INTERCEPT 60 WP contains a Group 4 insecticide. Any insect population may contain individuals naturally resistant to INTERCEPT 60 WP and other Group 4 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 INTERCEPT 60 WP or other Group 4 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 INTERCEPT 60 WP, 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.

RECOMMENDED DRENCH AND IRRIGATION APPLICATIONS

For use only on greenhouse plants as a soil drench using micro-irrigation, drip irrigation, overhead irrigation, or hand-held or motorized calibrated irrigation equipment.

PEST	CROP		DOSAGE	REMARKS
APHIDS* WHITE-FLIES	GREENHOUSE VEGETABLES Mature Plants in Production Greenhouse	Cucumber	16 g in 80 L of water per 1000 plants	<ul style="list-style-type: none"> Do not apply more than once per season. Do not apply within 1 day of harvest for tomatoes and cucumbers and 3 days of harvest for peppers. Caution: Do not apply to immature plants since phytotoxicity may occur at the recommended rates of application. INTERCEPT 60 WP should always be used in conjunction with IPM (Integrated Pest Management) Practices. Applications should be made when infestation pressure surpasses threshold and beneficials are not able to maintain pest populations below damage thresholds. Repellency of bumble bee pollinators and negative effects on some beneficials (<i>Orius</i> sp.) can occur when INTERCEPT 60 WP is applied.
		Tomato	16 g in 60 L of water per 1000 plants	
		Peppers**	16 g in 70 L of water per 1000 plants	
	Transplant Tray Plug Drench	Peppers**	4.1 g per 1000 seedling plants	<ul style="list-style-type: none"> APPLICATION TIMING: Apply to 2-3 week old seedlings in flats at least 10 days prior to transplanting. Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated and thoroughly wet seedling blocks. Do not use less than 15L solution per 100m² of seedling trays. Irrigate treated area lightly after application to ensure INTERCEPT 60 WP reaches the root zone. Allow no leaching or runoff from containers for 10 days after application to facilitate sufficient uptake of the active ingredient by the seedling roots for a residual control of the target pests. Do not apply more than once per crop season.

Note: Intercept 60WP should always be used in conjunction with IPM (Integrated Pest Management) Practices.

*Green Peach Aphid for peppers.

ADDITIONAL CAUTIONS: Many varieties of vegetables have been tested for tolerance to imidacloprid and shown good safety. However, certain varieties may show more sensitivity to application of imidacloprid and therefore, treatment of a few plants is recommended before application is made to the whole greenhouse

** NOTE TO BUYER/USER:

The DIRECTIONS FOR USE for this product for the use described were developed by persons other than Bayer CropScience Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Bayer CropScience Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop listed below. Accordingly, the Buyer and User assume all liability arising, and agree to hold Bayer CropScience Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use described below.

RECOMMENDED DRENCH AND IRRIGATION APPLICATIONS

For use only on greenhouse plants as a soil drench using micro-irrigation, drip irrigation, overhead irrigation, or hand-held or motorized calibrated irrigation equipment.

PEST	CROP	USE PATTERN & DOSAGE - INTERCEPT 60 WP			REMARKS
APHIDS WHITE- FLIES	GREENHOUSE ORNAMENTALS Container Plants	Herbaceous Species (one or two plants per pot)	Container Size mm (inches)	No. pots treated with 100 grams of product	Apply to moist media. Use sufficient drench solution to wet most of the potting medium without loss of liquid from the bottom of the container.
		0.002 g ai per 2.5 cm (1") pot	65 (2) 75 (3) 100 (4) 130 (5) 150 (6) 180 (7) 200 (8) 230 (9) 250 (10) 280 (11) 300 (12)	15,000 10,000 7,500 6,000 5,000 4,250 3,750 3,375 3,000 2,750 2,500	Follow application with moderate irrigation. Irrigate carefully during the next 10 days in order to avoid loss of active ingredient due to leaching.
		Herbaceous Species (three or more plants per pot), Woody Perennials	65 (2) 75 (3) 100 (4) 130 (5) 150 (6) 180 (7) 200 (8) 230 (9) 250 (10) 280 (11) 300 (12)	10,000 6,750 5,000 4,000 3,250 2,750 2,500 2,250 2,000 1,750 1,500	Application rate is dependent on plant type, number of plants per pot and pot size (see INTERCEPT 60 WP Dosage Chart). For example, if desired drench rate is 150 mL per 150 mm (6") pot for Herbaceous species, 1 or 2 plants per pot and the drench solution supply tank is 1000 L, mix 133 grams of INTERCEPT 60 WP per 1000 L of water.
		0.003 g ai per 2.5 cm (1") pot			EXAMPLE: 1000 L of water ÷ 0.150 L (150 mL)/pot = 6667 pots treated/1000 L
					<u>6667 pots treated</u> X <u>100 g INTERCEPT 60</u> <u>WP</u>
					1000L 5000 pots
					= 133 g INTERCEPT 60 WP/1000 L of drench water

RECOMMENDED DRENCH APPLICATIONS CONTAINER GROWN NURSERY ORNAMENTALS

For use on all nursery ornamentals grown in containers as a soil drench using micro-irrigation, drip irrigation, overhead irrigation, or hand-held or motorized calibrated irrigation equipment.

PEST	CROP	USE PATTERN & DOSAGE - INTERCEPT 60 WP		REMARKS
Larvae of European Chafer (<i>Rhizotrogus majalis</i>) and Japanese beetle (<i>Popillia japonica</i>)	All Container Grown Nursery Stock including: trees, shrubs, herbaceous perennials and ornamental grasses	Container Size mm (inches) in diameter	Rate of Product in mg/Pot	<p>Apply to moist media. Use sufficient drench solution to wet most of the potting medium without loss of liquid from the bottom of the container.</p> <p>Follow application with moderate irrigation. Irrigate carefully during the next 10 days in order to avoid loss of active ingredient due to leaching.</p> <p>EXAMPLE:</p> <p>To calculate the surface area of a container: First calculate the radius: 180 mm diameter/2 = 90 mm radius Then use the formula: $(3.14 \times (90^2))/1,000,000 = 0.0254 \text{ m}^2$</p> <p>To calculate the rate of product in mg per pot: $0.0254 \times 467 \text{ (g product/Ha)} = 11.9/10,000 = 0.00119\text{g} / 180 \text{ mm pot} = 1.19 \text{ mg/pot}$</p> <p>A 180-mm container requires 1.19 mg product/pot.</p> <p>If treating 100 containers (180-mm diameter), the amount of product required would be $100 \times 1.19 \text{ mg} = 119 \text{ mg}$ or 0.119 g of product.</p> <p>If desired drench rate is 150 mL water per 180 mm pot (this amount should not leach out of bottom of pot) then the amount of water required to treat 100 pots (180 mm dia.) would be $(100 \times 150) / 1000 = 15$ Litres of water.</p> <ul style="list-style-type: none"> • Do not apply more than once per year. • Caution: Do not apply to immature plants since phytotoxicity may occur at the recommended rates of application. • INTERCEPT 60 WP should always be used in conjunction with IPM (Integrated Pest Management) Practices. • Applications should be made when infestation pressure surpasses threshold and beneficials are not able to maintain pest populations below damage thresholds. • Repellency of bumble bee pollinators and negative effects on some beneficials (<i>Orius</i> sp.) can occur when INTERCEPT 60 WP is applied. • Do not harvest nursery stock within 12 hours of treatment
		180 mm (7")	1.19	
		230 mm (9")	1.94	
		280 mm (11")	2.87	
		300 mm (12")	3.30	

RECOMMENDED APPLICATIONS FIELD GROWN NURSERY ORNAMENTALS

PEST	CROP	DOSAGE of INTERCEPT 60WP Greenhouse Insecticide	REMARKS
Larvae of European Chafer (<i>Rhizotrogus majalis</i>) and Japanese beetle (<i>Popillia japonica</i>)	FIELD GROWN NURSERY ORNAMENTALS Including: trees, shrubs, herbaceous perennials and ornamental grasses	467 g/ha (280 g a.i./ha)	<p>GROUND APPLICATION ONLY</p> <ul style="list-style-type: none"> • One application per year. • Apply in 200 L of water per hectare. • Apply as a directed spray to the ground area around nursery stock planted in rows using a band 15 cm wider than the actual root ball to be dug. Do not allow adjacent bands to overlap. Also, can be applied to grass-covered rows, row middles, drive lanes, headlands and other grassy areas in and around the nursery plantation where larvae are likely to be found. • Apply as a broadcast spray over the top of small woody ornamentals planted in field grown beds. • Do not apply when rainfall is forecast for the next 48 hours. • Sufficient irrigation (e.g., 5 – 10 mm) should occur within 24 hours after application to move the active ingredient to the plant root zone but avoid over watering (e.g., more than 20 mm). • If large weeds and grasses are present, mow weeds and grassy areas to a 5 – 8 cm height before application so uniformity of application will not be affected. • Avoid mowing treated areas until after irrigation has occurred so that uniformity of application will not be affected. • Apply INTERCEPT 60 WP during adult beetle mating period/egg laying period up to first egg hatch. • The need for and timing of application should be based on monitoring of the sites, previous records or experiences, current season adult trapping or other methods. • Apply INTERCEPT 60 WP only once per year as directed by this label. • Repellency of bumble bee pollinators and negative effects on some beneficials (<i>Orius</i> sp.) can occur when INTERCEPT 60 WP is applied. • Do not harvest nursery stock within 12 hours of treatment

NOTE : INTERCEPT 60 WP should always be used in conjunction with IPM (Integrated Pest Management) Practices.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

CAUTION: May be harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Do not breathe dust or vapor.

When handling the product, wear long-sleeved shirt, long pants, and chemical-resistant gloves. Mixer/loaders should also wear a dust mask or respirator with appropriate dust filter, and goggles or face shield in addition to the above.

Vacate the area to be treated until the application is complete.

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

For foliar application in field nursery: DO NOT enter or allow worker or bystander entry into treated areas during the restricted entry interval (REI) of 12 hours. DO NOT sell, ship or export plants within 12 hours of treatment.

User Safety Recommendations:

User should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE 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 website at: www.croplife.ca.

USE LIMITATIONS

Do **not** allow leachate runoff for the first 10 days after application, in order to retain the product and facilitate full plant uptake of the active ingredient. Do not apply to bedding plants intended to be used as food crops.

On plants with a production cycle of less than one year, do not apply more than once per crop. On stock plants and woody crops with a production cycle of greater than one year, do not apply more than once a year. Do not dispose of treated soil or otherwise contaminate sites outside of greenhouses.

Although soil treatments will minimize direct harm to non-target and beneficial invertebrates, INTERCEPT 60 WP may affect certain beneficial predators, parasites and pollinators which may be used in greenhouse ornamental and vegetable production.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Keep out of lakes, streams, ponds or other aquatic systems. Do not contaminate water when disposing of equipment washwaters.

For Field and Container Grown Nursery Stock: Do not apply within 30 metres of environmentally sensitive areas such as lakes, streams, rivers or other aquatic systems. Do not apply to terrains where there is a potential for surface run-off to enter aquatic systems. Do not mix, load or clean equipment within 30 metres of wellheads or aquatic systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Apply this product only in accordance with this label.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

FIRST AID

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 eyes 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.

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

TOXICOLOGICAL INFORMATION: No specific antidote is available. Treat the patient symptomatically.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: 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.

PESTICIDE DISPOSAL: 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.

CONTAINER DISPOSAL: 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.

092908

SUPPLEMENTAL LABEL

**EMERGENCY USE LABEL
FOR APHID CONTROL
IN GREENHOUSE LETTUCE**

**FOR USE IN BRITISH COLUMBIA ONLY FROM September 1, 2009 to
August 31, 2010.**

INTERCEPT^{MC} 60 WP

Greenhouse and Nursery Insecticide

GROUP

4

INSECTICIDE

For systemic control of aphids on greenhouse lettuce

COMMERCIAL

GUARANTEE: Imidacloprid 60.0%
REGISTRATION NUMBER 27357 PEST CONTROL PRODUCTS ACT

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



CAUTION

POISON

CAUTION EYE IRRITANT

NET CONTENTS: 250 g

Bayer

**BAYER CROPSCIENCE INC.*
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CALGARY, ALBERTA T2Z 3X2**

**Suite 200, 160 Quarry Park Blvd. S.E.
Calgary, Alberta T2C 3G3**

Notification Change

***BAYER ENVIRONMENTAL SCIENCE
A BUSINESS GROUP OF BAYER CROPSCIENCE**

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.

DIRECTIONS FOR USE

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

IMPORTANT: Read these entire DIRECTIONS FOR USE AND GENERAL INFORMATION before using INTERCEPT 60 WP Greenhouse and Nursery Insecticide.

Do not formulate this product into other end-use products.

INTERCEPT 60 WP Greenhouse and Nursery Insecticide is for control of aphids on lettuce in greenhouses. INTERCEPT 60 WP Greenhouse and Nursery Insecticide is a systemic product and will be translocated upward within the plant. This product is to be applied on greenhouse lettuce in seedling blocks as a soil drench only. To assure optimum effectiveness, the product must be placed where the roots of the plant can absorb the active ingredient. Irrigate moderately but thoroughly after application, allowing no leaching and runout from container for at least 10 days after application. Do not apply as a foliar application.

Incorporation: Incorporation of INTERCEPT 60 WP Greenhouse and Nursery Insecticide can be achieved by irrigation and drenching.

Tank Mixes: INTERCEPT 60 WP Greenhouse and Nursery Insecticide has been found to be compatible with commonly used liquid fertilizers.

Treated soil/soilless media may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, **as soon as practical following the last application**. Do not plant other food crops in treated soil/soilless media within one year of treatment.

APPLICATION EQUIPMENT FOR USE ON GREENHOUSE LETTUCE: Apply INTERCEPT 60 WP Greenhouse and Nursery Insecticide in sufficient water to provide adequate distribution in the treated area. The use of accurately calibrated equipment normally used for soil application of insecticides (drip irrigation) is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check calibration periodically to ensure that equipment is working properly.

APPLICATION THROUGH IRRIGATION SYSTEMS

Please refer to full booklet for instructions on INTERCEPT 60 WP Greenhouse and Nursery Insecticide application through irrigation systems.

Please refer to full booklet for **important information** on

SAFETY DEVICES FOR IRRIGATION SYSTEMS CONNECTED TO PUBLIC WATER SUPPLIES and **SAFETY DEVICES FOR IRRIGATION SYSTEMS NOT CONNECTED TO A PUBLIC WATER SUPPLY.**

RESISTANCE MANAGEMENT RECOMMENDATIONS

Please refer to full booklet for Resistance Management Recommendations.

RECOMMENDED DRENCH AND IRRIGATION APPLICATIONS

For use only on greenhouse lettuce in seedling blocks as a soil drench using micro-irrigation, drip irrigation, or hand-held or motorized calibrated irrigation equipment.

CROP	PEST	DOSAGE INTERCEPT 60 WP Greenhouse and Nursery Insecticide	REMARKS
Greenhouse Lettuce	Aphids (including green peach aphid, lettuce aphid, and melon aphid)	Transplant Tray Plug Drench 4.1 g per 1000 seedling plants	<ul style="list-style-type: none"> Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated and thoroughly wet seedling blocks. Do not use less than 15L solution per 100m² of seedling trays. Irrigate treated area lightly after application to ensure INTERCEPT 60 WP Greenhouse and Nursery Insecticide reaches the root zone but does not leach out of the plug. APPLICATION TIMING: Apply during seedling stage prior to transplanting. Note: Allow a minimum of 10 days between application of INTERCEPT 60WP Greenhouse and Nursery Insecticide and transplanting for sufficient uptake of the active ingredient by the seedling roots for a residual control of the target pest. Do not allow leachate runoff for the first 10 days after application, in order to retain the product and facilitate full plant uptake of the active ingredient. Do not apply more than once per crop season. Allow at least 21 days after INTERCEPT 60WP Greenhouse and Nursery Insecticide application to harvest. INTERCEPT 60 WP Greenhouse and Nursery Insecticide should always be used in conjunction with IPM (Integrated Pest Management) Practices. <p>ADDITIONAL CAUTIONS: Many varieties of vegetables have been tested for tolerance to imidacloprid and shown good safety. However, certain varieties may show more sensitivity to application of imidacloprid and therefore, treatment of a few plants is recommended before application is made to the whole greenhouse.</p>

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

CAUTION: May be harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Do not breathe dust or vapor.

When handling the product, wear long-sleeved shirt, long pants, and chemical-resistant gloves. Mixer/loaders should also wear a dust mask or respirator with appropriate dust filter, and goggles or face shield in addition to the above.

Vacate the area to be treated until the application is complete.

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

User Safety Recommendations:

User should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE 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., contact 1-866-375-4648 or www.cropro.org/.

USE LIMITATIONS

Do **not** allow leachate runoff for the first 10 days after application, in order to retain the product and facilitate full plant uptake of the active ingredient.

On plants with a production cycle of less than one year, do not apply more than once per crop. Do not dispose of treated soil or otherwise contaminate sites outside of greenhouses.

Although soil treatments will minimize direct harm to non-target and beneficial invertebrates, INTERCEPT 60 WP Greenhouse and Nursery Insecticide may affect certain beneficial predators, parasites and pollinators which may be used in greenhouse ornamental and vegetable production.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Keep out of lakes, streams, ponds or other aquatic systems. Do not contaminate water when disposing of equipment washwaters.

FIRST AID

If swallowed: Call a Poison Control Centre or physician IMMEDIATELY. Drink one or two glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. If syrup of ipecac is available, administer 15 mL (1 tablespoonful) of syrup of ipecac followed by 1 to 2 glasses of water. If vomiting does not occur within 20 minutes, repeat the dose once. Do not induce vomiting or give anything by mouth to an unconscious person. **If on skin:** Wash thoroughly with soap and water. Get medical attention if irritation occurs. **If in eyes:** Hold eyelids open and flush with plenty of water for 15 minutes. Get medical attention if irritation occurs. **If inhaled:** Move victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: No specific antidote is available. Treat the patient symptomatically.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: 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.

PESTICIDE DISPOSAL: 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.

CONTAINER DISPOSAL: 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.

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EMERGENCY USE LABEL FOR SWEDE MIDGE CONTROL IN GREENHOUSE BRASSICA (CROP GROUP 5) SEEDLINGS

FOR USE IN ALBERTA, MANITOBA, NOVA SCOTIA, ONTARIO,
SASKATCHEWAN, AND QUEBEC ONLY FROM APRIL 1, 2010 UNTIL
SEPTEMBER 30, 2010

INTERCEPT™ 60 WP

Greenhouse and Nursery Insecticide

GROUP

4

INSECTICIDE

FOR SYSTEMIC CONTROL OF SWEDE MIDGE ON GREENHOUSE BRASSICA (CROP
GROUP 5) SEEDLINGS

COMMERCIAL

GUARANTEE: Imidacloprid 60.0%

REGISTRATION NUMBER 27357 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

CAUTION



POISON

CAUTION EYE IRRITANT

NET CONTENTS: 250 g



BAYER CROPSCIENCE INC.*
Suite 200, 160 Quarry Park Blvd. S.E.
CALGARY, ALBERTA T2C 3G3

*BAYER ENVIRONMENTAL SCIENCE
A DIVISION OF BAYER CROPSCIENCE

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DIRECTIONS FOR USE

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

IMPORTANT: Read these entire DIRECTIONS FOR USE AND GENERAL INFORMATION before using INTERCEPT 60 WP Greenhouse and Nursery Insecticide.

Do not formulate this product into other end-use products.

INTERCEPT 60 WP Greenhouse and Nursery Insecticide is for control of Swede Midge on *Brassica* (Crop Group 5) seedlings grown in greenhouses. INTERCEPT 60 WP Greenhouse and Nursery Insecticide is a systemic product and will be translocated upward within the plant. This product is to be applied on greenhouse *Brassica* crops (Crop Group 5) in seedling blocks as a soil drench only. To assure optimum effectiveness, the product must be placed where the roots of the plant can absorb the active ingredient. Irrigate moderately but thoroughly after application, allowing no leaching and runout from container for at least 10 days after application. Do not apply as a foliar application.

Incorporation: Incorporation of INTERCEPT 60 WP Greenhouse and Nursery Insecticide can be achieved by irrigation and drenching.

Tank Mixes: INTERCEPT 60 WP Greenhouse and Nursery Insecticide has been found to be compatible with commonly used liquid fertilizers.

Treated soil/soilless media may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, **as soon as practical following the last application**. Do not plant other food crops in treated soil/soilless media within one year of treatment.

APPLICATION EQUIPMENT FOR USE ON GREENHOUSE BRASSICA (CROP GROUP 5)

SEEDLINGS: Apply INTERCEPT 60 WP Greenhouse and Nursery Insecticide in sufficient water to provide adequate distribution in the treated area. The use of accurately calibrated equipment normally used for soil application of insecticides (drip irrigation) is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check calibration periodically to ensure that equipment is working properly.

APPLICATION THROUGH IRRIGATION SYSTEMS

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SAFETY DEVICES FOR IRRIGATION SYSTEMS NOT CONNECTED TO A PUBLIC WATER SUPPLY.

RESISTANCE MANAGEMENT RECOMMENDATIONS

Please refer to full booklet for Resistance Management Recommendations.

RECOMMENDED DRENCH AND IRRIGATION APPLICATIONS

For use only on greenhouse *Brassica* seedlings in seedling blocks as a soil drench using micro-irrigation, drip irrigation, or hand-held or motorized calibrated irrigation equipment.

CROP	PEST	DOSAGE INTERCEPT 60 WP Greenhouse and Nursery Insecticide	REMARKS
Greenhouse Broccoli; broccoli, Chinese; Broccoli raab; Brussels sprouts; Cabbage; cabbage, Chinese (napa); cabbage, Chinese (bok choy); cabbage, Chinese mustard; Cauliflower; Cavalo broccolo; Collards; Kohlrabi; Kale; Mizuna; Mustard greens; Mustard spinach; Rape greens	Swede Midge	Transplant Tray Plug Drench 4.1 grams per 1000 seedling plants	<ul style="list-style-type: none"> Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated and thoroughly wet seedling blocks. Do not use less than 15L solution per 100m² of seedling trays. Irrigate treated area lightly after application to ensure INTERCEPT 60 WP Greenhouse and Nursery Insecticide reaches the root zone but does not leach out of the plug. APPLICATION TIMING: Apply during seedling stage prior to transplanting. Note: Allow a minimum of 10 days between application of INTERCEPT 60WP Greenhouse and Nursery Insecticide and transplanting for sufficient uptake of the active ingredient by the seedling roots for a residual control of the target pest. Do not allow leachate runoff for the first 10 days after application, in order to retain the product and facilitate full plant uptake of the active ingredient. Do not apply more than once per crop season. Allow at least 21 days after INTERCEPT 60WP Greenhouse and Nursery Insecticide application to harvest. INTERCEPT 60 WP Greenhouse and Nursery Insecticide should always be used in conjunction with IPM (Integrated Pest Management) Practices. <p>ADDITIONAL CAUTIONS: Many varieties of vegetables have been tested for tolerance to imidacloprid and shown good safety. However, certain varieties may show more sensitivity to application of imidacloprid and therefore, treatment of a few plants is recommended before application is made to the whole greenhouse.</p>

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

CAUTION: May be harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Do not breathe dust or vapor.

When handling the product, wear long-sleeved shirt, long pants, and chemical-resistant gloves. Mixer/loaders should also wear a dust mask or respirator with appropriate dust filter, and goggles or face shield in addition to the above.

Vacate the area to be treated until the application is complete.

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

User Safety Recommendations:

User should:

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

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USE LIMITATIONS

Do **not** allow leachate runoff for the first 10 days after application, in order to retain the product and facilitate full plant uptake of the active ingredient.

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ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Keep out of lakes, streams, ponds or other aquatic systems. Do not contaminate water when disposing of equipment washwaters.

FIRST AID

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 eyes 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.

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

TOXICOLOGICAL INFORMATION: No specific antidote is available. Treat the patient symptomatically.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: 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.

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