

ADMIRE[®] 240 SPT

Flowable Systemic Insecticide

GROUP

4

INSECTICIDE

SEED PIECE TREATMENT FOR USE ON POTATOES TO CONTROL COLORADO POTATO BEETLE,
POTATO LEAFHOPPER, APHIDS AND OVERWINTERING ADULT POTATO FLEA BEETLES

AGRICULTURAL
SUSPENSION

GUARANTEE: Imidacloprid 240 g/L

Contains 1,2-benzisothiazolin-3-one at 0.1% or 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0017% and
2-methyl-4-isothiazolin-3-one at 0.0006% as preservatives.

REGISTRATION NUMBER 27702 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND LEAFLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION POISON

SHAKE WELL BEFORE USING

FOR ON FARM USE ONLY

NET CONTENTS: 1, 3.785 Litres

Product Information: 1 888 283 6847

Bayer CropScience Inc.
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Calgary, Alberta T2C 3G3

This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product.

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

Read the entire DIRECTIONS FOR USE before using ADMIRE 240 SPT Flowable Systemic Insecticide. Do not plant treated seed pieces within 15 metres of well-heads or aquatic systems, including marshes, ponds, ditches, streams, lakes, etc.

Do not plant treated seed pieces when rainfall is forecast for the next 48 hours.

Do not mix, load or clean spray equipment within 30 metres of well-heads or aquatic systems.

This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of ADMIRE 240 SPT Flowable Systemic Insecticide in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

MIXING INSTRUCTIONS

To prepare the spray, add a portion of the required amount of water to the spray tank and with agitation, add ADMIRE 240 SPT Flowable Systemic Insecticide. Complete filling the tank with balance of water needed. Maintain sufficient agitation during both mixing and application.

ROTATIONAL CROPS

Treated areas 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.

Rotation of fields treated with ADMIRE 240 SPT Flowable Systemic Insecticide to cereal grains (wheat, barley, oats) is acceptable after a minimum plant-back interval of 30 days and to peas and beans (including fababeans, soybeans, adzuki beans, mung beans, lima beans, scarlet runners, dry common beans, snap common beans), after a minimum plant-back interval of 9 months. Rotation to all other food and feed crops will require that a 12 month plant-back interval be observed. Green manure and other cover crops not intended for human or animal consumption are acceptable rotational crops which do not require a plant-back interval following treatment. Do not graze or harvest such cover crops for food or feed.

Imidacloprid is persistent and has a high potential for carryover; it is not recommended that this product be used in fields treated with ADMIRE 240 SPT Flowable Systemic Insecticide during the previous season.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that ADMIRE 240 SPT Flowable Systemic Insecticide contains a Group 4 insecticide. Any insect population may contain individuals naturally resistant to ADMIRE 240 SPT Flowable Systemic Insecticide 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 ADMIRE 240 SPT Flowable Systemic Insecticide 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.
- 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 Inc. via internet at www.bayercropscience.ca or phone 1-888-283-6847.

GENERAL INFORMATION:

ADMIRE 240 SPT Flowable Systemic Insecticide is a systemic insecticide for use on potatoes to control a variety of insect pests. ADMIRE 240 SPT Flowable Systemic Insecticide controls Colorado potato beetle, potato leafhopper and aphids including green peach, buckthorn, foxglove and potato aphid. ADMIRE 240 SPT Flowable Systemic Insecticide also provides control of over wintering adult potato flea beetles.

RECOMMENDED APPLICATIONS - POTATOES

CROP	PEST	DOSAGE ADMIRE SPT 240 Flowable Systemic Insecticide	REMARKS
Potato	<p>Colorado potato beetle</p> <p>Aphids (including green peach, buckthorn, foxglove and potato aphid)</p> <p>Potato leafhopper</p> <p>Potato flea beetle</p>	<p>Seed Piece Treatment*</p> <p>26 – 39 mL per 100 kg seed pieces</p>	<ul style="list-style-type: none"> • Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist or dust. • Apply specified dosage as a diluted spray onto seed-pieces using a shielded spray system that is well contained and will prevent the loss of any liquid. • Do not dilute with any more than 3 parts water to 1 part ADMIRE 240 SPT Flowable Systemic Insecticide. Agitate or stir spray solution as needed. • For optimal insect control, good coverage of the seed piece is required. • The length of control will vary depending on the rate used. Consult your local extension personnel, Bayer representative or dealer for information relevant to your area. The higher rate of ADMIRE 240 SPT Flowable Systemic Insecticide is recommended when extended length of control is needed. • ADMIRE 240 SPT Flowable Systemic Insecticide provides early season control of over-wintering adult potato flea beetles. • As part of the seed cutting and treating process, application of a fungicide registered for potato seed treatment or an inert absorbent ingredient is recommended. • Plant seed-pieces as soon as possible after cutting and treating. • Avoid prolonged exposure of ADMIRE 240 SPT Flowable Systemic Insecticide -treated seed-pieces to sunlight. Do not use treated seed pieces for food, feed, or fodder. • Do not apply any subsequent application of imidacloprid (i.e. ADMIRE 240 SPT Flowable Systemic Insecticide in-furrow or foliar application) or other group 4 insecticide following ADMIRE SPT 240 Flowable Systemic Insecticide potato seed piece treatment. • Do not apply more than 1.165 L ADMIRE 240 SPT Flowable Systemic Insecticide (0.280 kg ai) per hectare per year. Thus for seeding rates higher than 2985 kg seed/ha, the higher application rate (39 ml/100 kg of seed) can not be used. For seeding rates between 2985 kg seed/ha and 4480 kg seed/ha, ensure that the application rate does not exceed 1.165 L per hectare. The lower application rate (26 ml/100 kg) may be used for seeding rates up to 4480 kg seed/ha. Do not use this method of application for seeding rates higher than 4480 kg seed/ha.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Water-proof gloves
- Shoes plus socks

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.

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.

Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist. 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. **HANDLERS OF TREATED SEED MUST WEAR THE PERSONAL PROTECTIVE EQUIPMENT LISTED ABOVE.**

NOTE: 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.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. Keep out of lakes, streams, ponds, or other aquatic systems. Do not contaminate water when disposing of equipment wash waters. Apply this product only in accordance with this label. Dispose of all excess and any spilled treated seed pieces by covering or incorporating into the soil. Left over treated seed should be double sown around the headland, or buried away from water sources such as lakes, streams, ponds or other aquatic systems.

FIRST AID

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person.

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 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.

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. This product contains petroleum distillates.

STORAGE AND DISPOSAL

STORAGE: Store in 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 reach of children, preferably in a locked storage area.

DISPOSAL: Do not contaminate water, food, or feed by storage or 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. 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.

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