

KONTOS Insecticide

For control of aphids on greenhouse lettuce.

COMMERCIAL

GUARANTEE: Spirotetramat..... 240 g/L

SUSPENSION

Contains 1,2-benzisothiazolin-3-one at 0.04%,  
5-chloro-2-methyl-4-isothiazolin-3-one at 0.001% and 2-methyl-4-isothiazolin-3-one at 0.0004%  
as preservatives.

REGISTRATION NO. 29567  
PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

POTENTIAL SKIN SENSITIZER

NET CONTENTS : \_\_ Litres

Product Information: 1-888-283-6847  
[www.bayercropscience.ca](http://www.bayercropscience.ca)

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A Division of Bayer CropScience

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

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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

KONTOS Insecticide is a Suspension Concentrate formulation. Following application to plant foliage, KONTOS Insecticide is fully systemic, moving through phloem and xylem to all plant tissues including new shoot, leaf and root growth. Application should be timed to coincide with an early threshold level in developing insect populations. KONTOS Insecticide can be applied by ground application equipment.

## SAFETY AND HANDLING

### Section 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

#### PRECAUTIONS

##### KEEP OUT OF REACH OF CHILDREN

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. 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

##### PROTECTIVE CLOTHING AND EQUIPMENT:

Mixers and loaders must wear long-sleeved shirt, long pants, chemical resistant gloves, and shoes plus socks. Applicators must wear long-sleeved shirt, long pants and shoes plus socks. When mixing, loading and applying using backpack workers must wear long-sleeved shirt, long pants, chemical resistant gloves, 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](http://www.croplife.ca)

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"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give <b>any</b> liquid to the person</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If in eyes	<ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on skin or clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

TOXICOLOGICAL INFORMATION:

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

Section 5: ENVIRONMENTAL HAZARDS
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TOXIC to aquatic organisms.

This product is TOXIC to bees through direct contamination of pollen and nectar.

This product is TOXIC to certain beneficial insects.

Section 6: STORAGE
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To prevent contamination, store this product away from food or feed.

KONTOS 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.

Section 7: DISPOSAL
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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.

## DIRECTIONS FOR USE

### Section 8: Crop and Pest

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (BELOW):** The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Bayer CropScience and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Bayer CropScience itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Bayer CropScience harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

For aphid control in greenhouse lettuce

Pests controlled	Rate	Remarks
Aphids	43 to 60 mL Kontos/100 L water with a maximum of 72 g a.i./ha per application	<p>Kontos Insecticide must be tank-mixed with a spray adjuvant / additive having spreading and penetrating properties at an application rate of 0.11 to 0.2% v/v to maximize leaf uptake and systemicity of the active ingredient within treated plants. The adjuvant type must be one of the following: non-ionic (e.g., Agral 90 or Ag-surf), methylated seed oil (e.g., Hasten), or horticultural oil. Use of any blended adjuvant is not permitted.</p> <p>Rate selected for use should depend on infestation level of those pests.</p> <p>Pre-Harvest Interval (PHI): 7 days. Minimum interval between applications: 7 days. Re-apply only when monitoring indicates it is necessary.</p> <p>Maximum Kontos Insecticide allowed per crop cycle: 900 ml /ha (216 g ai/ha)</p> <p>DO NOT apply more than two (2) applications of Kontos Insecticide before alternating to one or more applications of a registered insecticide/miticide with a different mode of action.</p> <p>Maximum number of application per cropping cycle: 3</p>

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

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

DO NOT tank-mix Kontos Insectide with sulfur.

Section 9:      MIXING INSTRUCTIONS
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KONTOS Insecticide is subject to phase separation during storage. Vigorous shaking to re-suspend the product is required before using.

The proper mixing procedure for KONTOS Insecticide is:

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

Section 10:      PRE-HARVEST INTERVALS
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Crop	Pre-harvest interval (days)
Greenhouse lettuce	7

Section 11:      RESISTANCE MANAGEMENT RECOMMENDATIONS
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For resistance management, please note that KONTOS Insecticide contains a Group 23 insecticide. Any insect population may contain individuals naturally resistant to KONTOS 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 KONTOS 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 KONTOS 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](http://www.bayercropscience.ca) or phone 1-888-283-6847.

KONTOS Insecticide is a registered trademark of Bayer.