



**KONTOS™**  
INSECTICIDE

The only true systemic insecticide

## Fact Sheet

Kontos is latest insecticide from the tetramic acid (group 23) family to be registered in Canada. It is the only true systemic insecticide – offering bidirectional movement in the plant, making it an ideal option for tough to control pests.



Kontos™ can be applied as a foliar spray and controls aphids and whiteflies. Being both xylem and phloem active, this means that the systemic activity of Kontos moves upward and downward in treated plants.

Kontos 240 SC Insecticide must be tank-mixed with a spray adjuvant / additive having spreading and penetrating properties 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. Prior to the use of a surfactant with Kontos 240 SC Insecticide, the mixture must be tested in a small area to ensure no risk of phytotoxicity. Use of any blended adjuvant is not permitted.

Kontos Insecticide can only be used on plant growth stages for which thorough coverage can be achieved with the maximum spray volume allowed.

**Maximum number of application per cropping cycle:** 3

**Maximum Kontos Insecticide allowed per crop cycle:**  
900 mL/ha (216 g ai/ha)

**Minimum Application Interval:** 7-14 days

### Benefits of Applying Kontos

- Both xylem and phloem mobile active
- Moves to all plant tissues including new shoot, leaf and root growth
- Long residual – up to 30 days
- Low risk compound
- New resistant management tool
- Soft on beneficials – good fit in IPM
- Low resistance potential

### REGISTRATION

Greenhouse Tomatoes, Peppers, Cucumbers, and Eggplants – *Aphids and Whitefly*  
Lettuce – *Aphids*

### ACTIVE INGREDIENT

Kontos is a suspension concentrate formulation containing 240g/L of spirotetramat.

### PACKAGING

Kontos is packaged in a 1L container.

### APPLICATION RATE

**Greenhouse Tomatoes, Peppers, Cucumbers, and Eggplants – Aphids and Whitefly:** 30-42 mL Kontos Insecticide/100 Liters of water. Maximum of 72 g a.i./ha per application. Do not exceed a spray volume of 712 L/ha (42 mL concentration) – 1000 L/ha (30 mL concentration).

**Greenhouse Lettuce – Aphid Control:** 43-60 mL Kontos/100 L water with a maximum of 72 g a.i./ha per application.



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## PHI (Pre-Harvest Interval)

Greenhouse cucumbers, tomatoes, peppers and eggplants	3
Greenhouse lettuce	7



### PERSONAL PROTECTIVE EQUIPMENT (PPE)

- protective eyewear
- long-sleeved shirt and long pants
- chemical-resistant gloves
- shoes plus socks

### RESISTANCE MANAGEMENT

Kontos contains an active ingredient with a mode of action classified as a Group 23 insecticide – lipid biosynthesis inhibitor (LBI). No cross-resistance of Kontos with other commercial insecticides have been seen. 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.

### RESTRICTED ENTRY INTERVAL

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

### APPLICATION TIPS

- Apply early in the cropping cycle, prior to heavy infestations.
- Use Kontos in a rotational program with Intercept to reduce resistance potential.
- Apply early in the cropping cycle, prior to infestation. Be patient as Kontos may take 3-7 days noticeable control.
- A second application may be necessary 7-14 days later under heavy infestations.



### MODE OF ACTION

Kontos is a lipid biosynthesis inhibitor, and is active primarily by ingestion. Most of the activity is against the immature stages of insects. Reproduction of adult insects may also be reduced. There is no known cross resistance of Kontos with other pesticide mode of action groups, making it an excellent part of a resistance management program.



### ENVIRONMENTAL IMPACT

All pesticides are regulated under the Pest Control Products Act to ensure that they do not pose an unacceptable risk to human health and the environment. For information regarding the pesticide regulatory process, visit Health Canada's Pest Management Regulatory Agency website [www.hc.sc.gc.ca/pmra-arla](http://www.hc.sc.gc.ca/pmra-arla)

