



# Intercept™ 60WP

INSECTICIDE

## Controlling aphids and white flies

### Fact Sheet

INTERCEPT™ 60WP is a powerful systemic insecticide for long lasting control of aphids and white flies on ornamental and vegetable plants species grown in greenhouses and nurseries.



#### Benefits of Applying Intercept

- ☑ Outstanding and long lasting control
- ☑ Rapidly absorbed by plant tissue for early protection
- ☑ Unique mode of action
- ☑ Low use rates
- ☑ Low environmental impact including low mammalian toxicity and low impact on beneficials
- ☑ First and most effective insecticide in the new chloronicotinyl class 4 insecticide group
- ☑ Now registered for certain greenhouse vegetables

#### Benefits to INTERCEPT 60WP Media Applications

INTERCEPT 60WP is a highly effective systemic insecticide that is translocated upward within the plant when applied as a soil or soilless media drench treatment. Media based applications are preferred for INTERCEPT 60WP as this approach provides the longest duration of control; not only provides a more efficient way to measure and apply product when compared to foliar applications, and it also further reduces any applicator, worker and beneficial insect exposure to the product.

For optimal control, INTERCEPT 60WP must be applied and placed where the roots of the plant can absorb the product. INTERCEPT 60WP can be incorporated into the soil or soilless media through irrigation, mechanical placement, drenching or spray drench directly on the media. It can take several days from the time of application before control is visible. This is because it takes time for INTERCEPT 60WP to be absorbed by the roots and translocated through the plant. To ensure full plant uptake, do not allow leachate runoff for the first ten days after application.

#### Application Timing

For the best results, INTERCEPT 60WP applications should be made early in the production cycle once plants have established roots. If applied too early, the product may leach out before it is effectively absorbed. As well INTERCEPT 60WP is absorbed more effectively by young growing tissue and does not translocate as well in older growth or flowers. For this reason applications should not be delayed too late into the production cycle. INTERCEPT 60WP provides a much faster rate of control for insects attacking herbaceous species given a faster rate of translocation.

Applications to control insects on woody ornamentals should be made two or more weeks in advance of expected insect activity to provide adequate time for translocation through the plant.



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## 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 Tomatoes 16 g in 60 L of water per 1000 plants Peppers 16 g in 70 L of water per 1000 plants	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.
	Transplant Tray Plug Drench	Peppers 4.1 g per 1000 seedling plants	Apply to 2-3 week old seedlings in flats at least 10 days prior to transplanting.  Do not use less than 15L solution per 100m <sup>2</sup> of seedling trays.  Do not apply more than once per crop season.
	Greenhouse Ornamentals – container plants	Herbaceous Species (one or two plants per pot) 0.002 g ai per 2.5 cm (1") pot	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.  Follow application with moderate irrigation. Irrigate carefully during the next 10 days in order to avoid loss of active ingredient due to leaching.
Larvae of European Chafer ( <i>Rhizotrogus majalis</i> ) and Japanese beetle ( <i>Popillia japonica</i> )	All container grown nursery stock including: trees, shrub, herbaceous perennials and ornamental grasses	Container size in diameter: 180mm (7") 1.19 mg/Pot 230 mm (9") 1.94 mg/Pot 280mm (11") 2.87 mg/Pot 300mm (12") 3.30 mg/Pot	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.  Do not apply more than once per year.  Do not harvest nursery stock within 12 hours of treatment.

Caution: Do not apply to immature plants since phytotoxicity may occur at the recommended rates of application.

Repellency of bumble bee pollinators and negative effects on some beneficials (*Orius sp.*) can occur when INTERCEPT 60 WP is applied.

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

See label for complete instructions



### Mode of Action

INTERCEPT works both through contact and ingestion. INTERCEPT acts by binding directly to the receptor site of the nerve synapse, blocking neurological information from being transmitted from nerve to nerve. The message sent from one nerve cell to the next is either not received or received as an incomplete message. Insects that have ingested or absorbed imidacloprid become immobile and stop feeding very soon after ingesting or coming in contact with INTERCEPT.

### Residual Activity

INTERCEPT provides long lasting control of target insect pests when applied to soil/soilless media for translocation into plants. Given a high level of effectiveness and as a resistance management strategy, INTERCEPT should be applied only once per year to stock plants or woody crops having a production cycle of greater than one year.

### 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/)

