



Intercept™



Product information sheet

// BEST USES

Intercept™ 60WP is a powerful systemic insecticide for long-lasting control of aphids and whiteflies on greenhouse ornamentals and certain greenhouse vegetable plants; including cucumber, tomato, pepper, eggplant and lettuce. Intercept 60WP can also be used for the control European Chafer and Japanese Beetle larvae in container grown and field grown nursery ornamentals.

// KEY STRENGTHS

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.

// BENEFITS TO INTERCEPT 60WP MEDIA APPLICATIONS

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.

// 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

// **Active Ingredient**
imidacloprid 60.0%

// **Group**
chloronicotinyl
class 4 insecticide

// **Formulation**
WP

// **Packaging**
case = 12 x 250 g

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



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