



Count on DuPont for more consistent control of key pests in apples and pears

DuPont™ Altacor® insect control is a breakthrough mode of action insecticide that delivers remarkable protection and has been characterized by EPA as a Reduced Risk pesticide when used on apples and pears. When used early in the pest life cycle, Altacor® prevents the build-up of pest populations, maximizing your yield potential. The high larvicidal efficacy and long-lasting activity of Altacor® provide excellent crop protection, even when circumstances prevent optimal application timing. The rapid cessation of feeding, strong residual activity and excellent rainfast properties of Altacor® deliver nearly immediate and long-lasting protection under a wide range of growing conditions.

DuPont™ Altacor® insect control
Crops: Pome Fruit Crop Group
Key Pests: Codling moth, obliquebanded leafroller, Oriental fruit moth
PHI: 14 Days
REI: 4 Hours

Altacor® insect control	
Altacor® attributes	Performance outcomes
Breakthrough mode of action insecticide Active ingredient: Rynaxypyr® Chemical class: IRAC Group 28, <i>Anthranilic diamide</i>	Excellent insect control — including species which have developed resistance to products with other modes of action Proven foundational insecticide — should be used in programs with other effective products having different modes of action for resistance management
Long-lasting protection	Altacor® exhibits excellent durability ¹ due to: <ul style="list-style-type: none"> • Translaminar activity • UV light stability • Rainfastness (highly lipophilic)
Broad-spectrum control of Lepidoptera (including codling moth, obliquebanded leafroller [OBLR] and Oriental fruit moth [OFM]) while preserving beneficials, including honey bees, when used in accordance with the label	Multi-stage control: <ul style="list-style-type: none"> • Larvicidal (across species, all instars through contact and ingestion) • Ovicidal (high percentage of treated eggs do not hatch; varies by species) • Ovi-larvicidal (eggs may hatch but neonate is controlled after feeding on treated corion) Excellent selectivity to beneficial arthropods and pollinators Does not flare mites or aphids
Fast acting	Prevents feeding damage within minutes of exposure from application
Characterized by EPA as Reduced Risk when used on apples and pears	Altacor® has been characterized by EPA as a Reduced Risk pesticide for use on apples and pears based on its excellent environmental profile, important to: <ul style="list-style-type: none"> • Orchard owners and neighbors • Applicators/workers • Consumers
Unique flexibility	Multiple attributes contribute to the unique management flexibility of Altacor®: <ul style="list-style-type: none"> • Broad-spectrum control of economically important pests while preserving IPM • Shortest (4 hour) re-entry and minimal personal protective equipment requirements • Single a.i. optimizes use-rate, tank-mix flexibility and compatibility

¹ Fruit expansion is a limiting factor relative to residual control.

Guidelines for DuPont™ Altacor® use on apples and pears

Lepidoptera	Altacor® application timing	Altacor® use rate (oz/A)*	Altacor® spray interval
Low to moderate codling moth pressure	Before egg hatch (regardless of generation)	3.0-4.0	3 oz 14-day schedule 4 oz 17-day schedule
High codling moth pressure	Before egg hatch (regardless of generation)	4.0-4.5	10-14-day schedule
Obliquebanded leafroller	Petal fall	3.0	If needed
Other leafrollers and Spotted tentiform leafminer	200 degree days	3.0	If needed

* Do not exceed 9.0 ounces of product per acre per season.

Formulation and packaging:

35% water dispersible granule in 16-ounce container.

Tank-mix partners:

Tests show compatibility with more than 50 commonly used tank-mix partners in 2-way mixtures (list available). Do not tank mix with an insecticide from IRAC Group 28.

Application:

Apply Altacor® by ground with properly calibrated equipment and suitable water volume to ensure thorough coverage (do not exceed 200 gallons/acre).

Adjuvants:

Use a proven adjuvant that does not affect foliage and/or fruit finish.

Do not use an adjuvant with applications of Altacor® within 60 days of harvest.

REI and PHI:

- 4-hour re-entry interval.
- 14-day pre harvest interval.

Resistance management:

Do not spray successive generations with Altacor® or other IRAC Group 28 insecticides. Rotate to alternate modes of action between insect generations as per IRAC resistance management guidelines.

For more information

Put this powerful proven tool to work for you. Contact your local DuPont crop protection retailer or DuPont representative to learn how you can get more consistent control of key pests in pome fruit with proven DuPont™ Altacor® insect control. And visit us on the Web at altacor.dupont.com.

DuPont™ Altacor® and Rynaxypyr® may not be registered for sale or use in all states. See your local DuPont retailer or representative for details and availability in your state.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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