

NOW TWICE AS STRONG

ALTACOR[®] X-FORCE
INSECTICIDE



FMC | An Agricultural
Sciences Company

Contact your local FMC representative for more information, or go to fmc.crop.com.au FMC and Altacor[®] X-Force are trademarks of FMC Corporation or an affiliate. ©2022 FMC Corporation. All rights reserved.



Benefits

- High potency, fast acting and rapid stop feeding.
- Long residual insect control.
- Selective control of key Lepidoptera pests providing IPM friendly conditions.



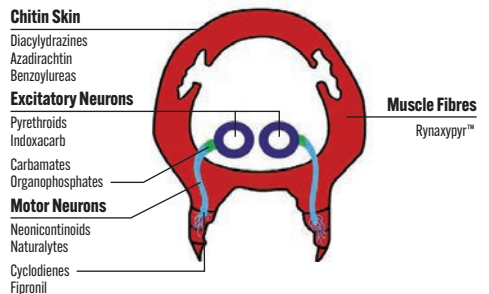
Other Benefits

- 4 way control: Works through ingestion and contact at different life stages. Ovicidal, ovi-larvicidal, larvicidal and disrupting mating in adults for some target species.
- Will not flare mites or cause secondary pest problems
- Strong position on resistance management best practice.
- Rainfast with translaminar activity and locally systemic
- Low risk for pollinators
- Favourable international market access profile
- Very low mammalian toxicity provides a large margin of safety to workers and flexibility to re-enter fields for crop management.

Altacor® X-Force insect control delivers rapid protection against important Lepidoptera pests: Codling moth and Oriental fruit moth (OFM), Carob moth and Light brown apple moth (LBAM) while having a minimal impact on many important beneficial insects.

Altacor® X-Force insect control powered by Rynaxypr® active is a breakthrough Group 28 mode of action insecticide that delivers remarkable protection.

Rynaxypr® - Causes the release of calcium from the muscles. The shape of the Rynaxypr® molecule fits the Ryanodine receptors in caterpillars.





Control of major caterpillar pests of fruit including Codling moth, Oriental fruit moth and Lightbrown apple moth.



Codling moth caterpillar



Oriental fruit moth caterpillar



Lightbrown apple moth caterpillar

4 way action on Lepidoptera

This multi-life stage activity is part of the reason why Altacor® X-Force is a truly robust product for control of Lepidopteran pests, offering the flexibility of controlling pests at multiple life stages, including:-

1. Ovicidal activity
2. Ovi-larvicidal activity
3. Larvicidal activity on all larval stages
4. Reduction in adult libido and fecundity

Working primarily through ingestion, Altacor® X-Force insect control manages adult and immature pest stages for excellent, long-lasting crop protection. Exposed insects stop feeding within minutes and extended residual activity protects crops for longer than competitive options.



1. Ovicidal



2. Ovi-larvicidal



3. Larvicidal



4. Impact on mating

Altacor® X-Force insect control also offers minimal disruption to field activities with 14 days WHP to harvest of almonds, pome and strone fruit and 8 weeks for grapes.

Realise the difference. Spray early

To produce quality fruit or nut crops, it pays to start early with Altacor® X-Force insect control. By targeting the first generation of moths, it gets on top of the problem – before it gets on top of you and your crop. Altacor® X-Force works to control moths in the egg, as they hatch and any larvae that emerge, while remaining friendly to key beneficials.





Altacor® X-Force insect control has minimal impact on pollinators and other beneficial insects* when used in accordance with the label, making it an ideal fit in integrated pest management (IPM) programs



Altacor® X-Force is the benchmark for control of larvae in Australian orchards due to its:-

- 3 applications allowed in Pome and Stone fruit, Almonds and Grapes 2 only
- Excellent margin of safety to foraging bees (good agricultural practice recommends not to spray while bees are foraging)
- MRL's are established in major export markets
- Ability to be applied, regardless of slope in orchards
- Flexibility of application without consideration of subsequent irrigation scheduling or rainfall, with only the 2-hour rain fast period to observe.

Safety

While Altacor® X-Force is an unscheduled poison which requires minimal PPE, workers should always be mindful of how they mix and apply products in orchards. Altacor® X-Force has no re-entry period, providing greater flexibility for workers to return to orchards once the spray has dried while Altacor® X-Force continues to provide excellent insect control.

		DILUTE SPRAYING	CONCENTRATE SPRAYING
ALMONDS	Carob moth (<i>Ectomyelois ceratoniae</i>)	9 g + non ionic surfactant @ 15 gai / 100 L	Refer to Mixing / Application section
POME FRUIT INCLUDING APPLES, NASHI PEARS, PEARS	Codling moth (<i>Cydia pomonella</i>), Budworms (<i>Helicoverpa</i> spp.), Oriental fruit moth (<i>Grapholita molesta</i>), Lightbrown apple moth (<i>Epiphyas postvittana</i>)	4.5 g + non ionic surfactant @ 15 gai / 100 L	Refer to Mixing / Application section
STONE FRUIT INCLUDING APRICOT, CHERRIES, NECTARINES, PEACHES, PLUMS	Oriental fruit moth (<i>Grapholita molesta</i>)	6 g + non ionic surfactant @ 15 gai / 100 L	Refer to Mixing / Application section
	Lightbrown apple moth (<i>Epiphyas postvittana</i>)	4.5 g + non ionic surfactant @ 15 gai / 100 L	Refer to Mixing / Application section
GRAPES	Lightbrown apple moth (<i>Epiphyas postvittana</i>) Grapevine moth (<i>Phaenoides glyciniae</i>)	4.5 g + non ionic surfactant @ 15 gai / 100 L	Refer to Mixing / Application section