

APPLE

PEST TIMING CALENDAR



Corteva Agriscience™ offers an outstanding lineup of customer-focused products for apple growers that fit well into an Integrated Pest Management (IPM) program.

Closer™

Isoclast™ active

INSECTICIDE

Closer™ insecticide with Isoclast™ active delivers fast knockdown and residual control of sap-feeding pests including aphids and hard to control pests such as San Jose scale, woolly apple aphid and mullein bug. Closer is a unique group 4C insecticide that is effective on insect populations resistant to other classes.

Delegate™

Jemvelva™ active

INSECTICIDE

Delegate™ insecticide with Jemvelva™ active (spinetoram) is a naturally-derived product that is fast-acting against codling moth, oriental fruit moth and leafroller species with minimal impact on beneficials and the environment. Its unique profile makes it an excellent tool for IPM programs for apple growers.

Entrust™

Qalcova™ active

INSECTICIDE

Entrust™ insecticide with Qalcova™ active (spinosad) is a proven natural insecticide for organic apple growers. Entrust is highly selective on lepidoptera species such as leafrollers and apple clearwing moth. With cross-spectrum control and a unique mode of action, Entrust is a perfect fit for IPM programs.

Intrepid™

INSECTICIDE

Intrepid™ insecticide is a novel group 18 insecticide that controls lepidoptera in both ovidal and larvicidal stages. Ingestion is the main source of activity on pests, causing the larvae to stop feeding within 24 hours and provides residual control for 10 to 14 days after application.

PRE-HARVEST INTERVALS IN APPLES

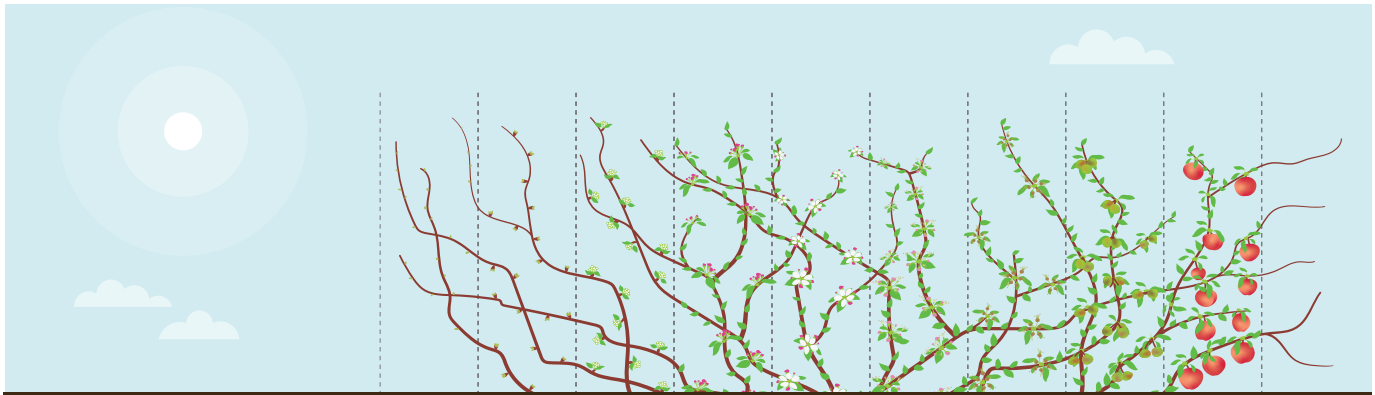
Closer™ insecticide	7 days	Delegate™ insecticide	7 days	Entrust™ insecticide	7 days
Intrepid™ insecticide	14 days	Success™ insecticide with Qalcova™ active	7 days	Fontelis™ fungicide	28 days
Nova™ fungicide	14 days	Lontrel™ XC herbicide	30 days	Vydate™ insecticide/nematicide*	365 days

* Non-bearing apple only



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APPLE PEST TIMING CALENDAR		GREEN TIP	HALF-INCH GREEN	TIGHT CLUSTER	PINK	FULL BLOOM	PETAL FALL	FRUIT SET	SUMMER	HARVEST	DORMANT
INSECTS	CONTROL OPTIONS FOR THIS PEST (ProductGroup)										
Apple aphids	Closer.....4C Vydate**.....1A										
Rosy apple aphids	Closer.....4C Vydate*.....1A										
Apple maggot**	Delegate.....5										
Codling moth	Delegate.....5 Entrust**.....5										
Oriental Fruit moth	Delegate.....5										
Apple clearwing moth	Delegate.....5 Entrust.....5 Success.....5										
Dogwood borer	Delegate.....5										
Mullein bug	Closer.....4C										
Woolly apple aphid	Closer.....4C										
Eyespotted budmoth	Delegate.....5 Entrust.....5 Success.....5										
Leafrollers	Delegate.....5 Entrust.....5 Intrepid.....18 Success.....5										
Plum cucullia**, European apple sawfly	Delegate.....5										
San Jose scale	Closer.....4C										
Spotted and Western tentiform leafminers	Delegate.....5 Intrepid.....18										
Tarnished plant bug	Closer.....4C										
DISEASES											
Apple scab, Powdery mildew, Cedar apple rust	Fontelis.....7 Nova.....3										
WEEDS											
Quackgrass, annual grasses	Kerb SC.....3										
Vetch and broadleaf weeds	Lontrel XC.....4										
NEMATOCIDE											
Root-lesion nematode	Vydate*.....1A										

*Non-bearing apples only ** Suppression

This chart is intended for reference only and not intended to provide information for application. Always read and follow label directions. Chart shows possible pest timing, not spray timing.

For more information visit us at Horticulture.corteva.ca to find your Corteva Agriscience™ Horticulture Expert.



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