

2017 Weekly Orchard Surveillance Pest Monitoring Record for Export of BC Cherries to PRC

CFIA REGISTRATION #:

DATE:

	Growth Stage ¹	Quarantine pest	Observations	Recommendation	PAR No. ²
Monitor from bud break until end of harvest		Fungi			
		Brown Rot (<i>Monilinia fructicola</i>)			
		Bacteria			
		Bacterial Canker (<i>Pseudomonas syringae pv morsprunorum</i>)			
		Viruses			
		Little Cherry Virus (LCV)			
		Scale Insects			
		Apple Mealybug (<i>Phenacoccus aceris</i>), vector for LCV			
From blossom until end of harvest		Lepidoptera (moths and caterpillars)			
		Pruneworm Leafroller (<i>Acrobasis tricolorella</i>) ³			
		Cherry Fruitworm (<i>Grapholita packardii</i>) ³			
		Lesser Apple Worm (<i>Grapholita prunivora</i>) ³			
		Large Fruit Tree Tortrix (<i>Archips podana</i>)			
		Oblique-Banded Leafroller (<i>Choristoneura rosaceana</i>)			
		Marbled Orchard Tortrix (<i>Hedya nubiferana</i>)			
		Tufted Apple Bud Moth (<i>Platynota idaeusalis</i>)			
		Aphids			
		Black Cherry Aphid (<i>Myzus cerasi</i>)			
From fruit set until end of harvest		Fruit flies ³			
		Western Cherry Fruit Fly (<i>Rhagoletis indifferens</i>)			
		Black cherry fruit fly (<i>Rhagoletis fausta</i>)			
		Apple Maggot (<i>Rhagoletis pomonella</i>)			

¹ Growth Stage: Indicates the growth stage of bud or tree development i.e. dormant, green tip, blossom, summer etc.

² Pesticide Application Record (PAR) No.: If treatment is applied, indicate the number starting at #1 and ensure it is recorded in the regular pesticide spray records.

³ If these pests are found on the fruit in the orchard, notify the CFIA immediately. The orchard will be suspended for the remainder of the season.

Orchard Surveillance Monitoring Program for Pests of Quarantine Significance to China

Brown Rot <i>Monilinia fructicola</i>	Weekly monitoring from bud break¹ to harvest for the presence of symptoms indicative of this disease including canker spots on flowers and young branches; and grey rotten areas of fruit. Follow recommendations for prevention and control as outlined in the Production Guide. If any symptoms consistent with this pathogen are detected, samples must be taken for lab identification. If infection is confirmed through lab analysis, apply control measures as outlined in the Production Guide.
Bacterial Canker <i>Pseudomonas syringae</i> <i>pv morsprunorum</i>	Weekly monitoring from bud break¹ to harvest for the presence of symptoms indicative of this disease including brown spots on leaves, branches and fruit. Follow recommendations for prevention and control outlined in the Production Guide. If any symptoms consistent with this pathogen are detected, samples must be taken for lab identification. If infection is confirmed through lab analysis, apply control measures as outlined in the Production Guide.
Little cherry virus and its vector: <i>Phenacoccus aceris</i> (apple mealybug)	Weekly monitoring from bud break¹ to harvest for the presence of symptoms indicative of this disease including fruit that is small, misshapen, and does not develop dark color at maturation; and red colouration of leaves. Samples must be taken for lab identification. Weekly monitoring for the presence of the <i>Phenacoccus aceris</i> (apple mealybug) vector. If detected, follow pest management recommendations as outlined in the Production Guide.
Lepidoptera (moths & caterpillars)	Weekly monitoring from blossom to harvest for the presence of rolled leaves; webbing on shoots, leaves, flower buds; chewing traces on young fruit; and frass and/or exit holes indicative of these insects. If detected, follow appropriate pest management practices and controls outlined in the Production Guide. If any of these 3 pests, <i>Acrobasis tricolorella</i> (pruneworm leafroller), <i>Grapholita packardi</i> (cherry fruitworm) and <i>G. prunivora</i> (lesser apple worm) are found on the cherry fruit, notify the CFIA immediately. The orchard will be suspended for the remainder of the season.
Black cherry aphid <i>Myzus cerasi</i>	Weekly monitoring from blossom to harvest for the presence of this insect on the leaves, sunken areas of branches and on fruit. If detected, follow appropriate pest management practices and controls as outlined in the Production Guide.
Fruit Flies	Weekly fruit monitoring from fruit set to harvest for the presence of depressions, and/or exit holes indicative of these insects. If detected through fruit monitoring, notify the CFIA immediately. The orchard will be suspended for the remainder of the season. A mandatory season-long chemical control program must be carried out as outlined in the the “Integrated Fruit Production Guide for Commercial Tree Fruit Growers: Interior of British Columbia”, published by BC Ministry of Agriculture and Lands (Production Guide).

1. Bud break - refers to initiation of growth from a bud, where bud is no longer dormant.