

### Seasonal Insect Pest Occurrence - Fruit

Pest Name	Host Crops	EGGS	LARVAE	NYMPHS	PUPAE	ADULTS	ALL STAGES
Aphids	Many						Apr to Sept
Apple Curculio	Saskatoon berry, chokecherry, crabapple, hawthorn & pear			June-July		mid-Apr to end-May / mid-July to end-Sept	
Apple Maggot	Apple, crabapple, sweet/tart cherry, etc.	July	mid-July to Sept		Sept (overwinter)	late-June-early-July to end-Oct	
Brown Marmorated Stink Bug	Wide range – over 300 different hosts – berries, grapes, stone & pome fruit	Early June until late July or early August		5 stages – throughout summer		Emerge May to June; stick around throughout season	Single generation per season
		Note – most stages likely occur elsewhere than Alberta, at present – typically arrive as hitchhikers					
Cherry Shoot Borer	Chokecherry, Saskatoon berry, hawthorn	mid-Apr to mid-May	mid-May to end-June			end-May to start-Aug	
Chokecherry Fruit Gall Midge	Chokecherry, Saskatoon berry		mid-May to mid-July		Apr to mid-May	May to end-June	
Currant Fruit Fly	Currants and gooseberries	late-May to early-July	early-June to July		Aug to overwinter	mid-May-early-June to late-June	
Cyclamen Mite	Strawberry						ALL (Mult gen)
Hawthorn Lace Bug	Saskatoon berry & other Rose family plants	May; mid-July to mid-Aug		mid-May to late-June / late-July to mid-Sept		Apr to mid-May / July to mid-Aug / mid-Sept+	
Leafhoppers	chokecherry, Saskatoon berry, raspberry, strawberry			start-June to mid-June		May / mid-June to end-Sept	
McDaniel's Spider Mite	Saskatoon berry						ALL (Mult gen)
Meadow Spittle Bugs	Strawberry, other non-fruit species	April to mid-May		late-May to mid-July		mid-late-June to mid-Aug	
Pear Slug	Saskatoon berry, pin cherry, cotoneaster, hawthorn, chokecherry		late-June to end-Aug		Apr to early-June / mid-Aug to end-Sept	early-June to mid-July	
Raspberry Crown Borer (2-YR LIFECYCLE)	Caneberries	Sept to Oct	Sept to Oct			early-Aug to end-Sept	All stages present in any one year
2ND YEAR			Apr to Sept		July		

Pest Name	Host Crops	EGGS	LARVAE	NYMPHS	PUPAE	ADULTS	ALL STAGES
Raspberry Sawfly	Caneberries, gooseberry, etc.		June to early July (above ground); Late June to end-Sept (in soil)		April		
Root weevils	Strawberry, raspberry, range of other crops		April; Mid-July to end-Sept		May to end-June	late-June to end-Aug	
Saskatoon Bud Moth	Saskatoon berry		early-May to late-Aug		early-mid-April to early May; Sept	April to early-mid-May	
Saskatoon / Chokecherry Sawfly	Saskatoon berry, chokecherry		early-June to early-Aug		April to mid-May	Mid-May to late June	
Slugs	Strawberry + range of hosts	early-May to early-mid-July	mid-May to end-July			late-June to end-Sept	
Spotted Wing Drosophila	Strawberry, caneberry, bushberries (blueberry, Saskatoon berry, etc.)	June to Sept	late-June to Sept		July to Sept	June to Sept (in some areas)	June to Sept
Strawberry Bud/Clipper Weevil	Strawberry; caneberries, other		mid-May to late-June			Apr to late-May / late-June to end-Sept	
Tarnished Plant Bug / Lygus Bug	Strawberry			early-May to late-Aug		May; late-June to end-Sept	
	Raspberry			May to Aug		April to late-May; late-June to end-Sept	
Thrips	Strawberry, caneberry, tree fruit, etc.	Overwinter in USA					mid-May to mid-Aug
Two-Spotted Spider Mites	Strawberry, raspberry, etc.						ALL (Mult gen)
Ugly Nest Caterpillar	Chokecherry, pin cherry, etc.	April	May to Aug			late-June to end-Sept	
Woolly Elm Aphid / Woolly Apple Aphid	Saskatoon berry, elm (alternate host)	April (on elm)				late-Apr to Sept (on Saskatoon); Aug to Sept (migrates to Elm)	May to Sept (some winged migratory stages)

\* Note – occurrence timelines are estimates only and can vary according to seasonal conditions and other factors – use a general guideline

\*\* See below for graphic representation of seasonal pest occurrence

\*\*\* Adapted and expanded from MAFRI Fruit Crop Insect Guide