

Seasonal Insect Pest Occurrence – Vegetable

Pest Name	Host Crops	Eggs	Larvae	Nymphs	Pupae	Adults	All Stages
Aphids	Many vegetable crops					May to Sept - Multiple generations	
Aster Leafhopper	Many vegetable crops	early Spring or other crops in other regions; Multiple generations		Multiple generations per season - late July to end-Sept		Multiple generations - 1st generations late- May to early-June; June-Sept	May have 1-4 generations per season
Beet Webworm	Many vegetable crops	mid-May to July; mid-July to Sept	late-June to early July; late-Aug to Sept (overwinter)		late-May; Sept to overwinter	mid-May to July; mid- July to Sept	
Brown Marmorated Stink Bug	Wide range – over 300 different hosts – peppers, tomatoes, corn, etc.	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					
Cabbage Looper	Cole crops + other cruciferous crops	July	mid-July onward		late-July to Aug	June-Sept	One generation per year
Cabbage Maggots	Cole crops + other cruciferous crops	mid-May to June; mid-July to Aug; late-Aug to Sept	June to July; Aug to Sept		mid-July; late Sept overwinter	May to Aug-Sept	1-3 generations per season
Colorado Potato Beetle	Plants in Solanaceous family	late-May to July	early-June to Aug		July to Aug	late-May-early-June to Sept; Overwinter as adult	All season; typically 1 complete generation per season
Crucifer Flea Beetles	Cruciferous crops	mid-May to June	late-May to July			mid-May to June; late-July to overwinter	Typically 1 generation per season
Cutworms	Range of host crops	Aug to mid-Sept	late-Apr to June; late-Sept to overwinter; most overwinter as larvae		May to early June; some overwinter as pupae	June-July (hibernate); late-Aug to Sept	Timing and duration of stages depends on the species
Diamondback moth	Cole crops + other cruciferous crops	mid-May to Sept	mid-May to Sept		June to Sept	early-May to Sept	Multiple generations per season

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European Corn Borer	Corn, snap bean, potato, eggplant, pepper	late-July	late-July to overwinter pupation		May to June	late-June to early Aug	1 generation on Prairies
Imported Cabbageworm	Cole crops + other cruciferous crops	late-May to Sept	June to Sept		late-June to Sept; overwinter as pupae elsewhere	mid-May to Sept	2-3 generations per year
Onion Maggots	Bulb vegetables	June to early-July	June to early-Aug		Overwinter; late-July	late-May to June; repeats later in season	May be more than 1 generation per season
Pea Leaf Weevil	Peas	May to June	June to July		July	May to June; late-July to Aug (then overwinter)	1 complete generation per season
Swede Midge	Cole crops	mid-May to Sept	late-May to Sept		June to Sept	mid-May-early-June to Sept (multiple generations)	Multiple generations per season (in some areas)
Tarnished Plant Bug / Lygus Bug	Many vegetable crops	May to July		end-May to Aug		late-Apr to Sept; overwinter	Multiple generations per season
Tuber Flea Beetles	Potatoes	mid-May to June	June to July			mid-May to June; late-July to overwinter	Typically 1 generation per season
Two-Spotted Spider Mites	Bean, cucurbits, eggplant			April to late-Sept		Overwinter to Sept	Multiple generations per season
Wireworms	Range of host crops	May	all season - several years			May	Life cycle spans several years

* 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

*** Prepared with contributions from Dr. Ken Fry, Olds College