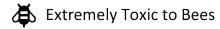
## **2018 Nova Scotia Wild Blueberry Insecticide Chart**

This chart is not a substitute for reading and following the product label. Always contact your buyer or processor to see what is allowable for their markets. No product endorsement is implied and no guarantee on any product listed is given by Perennia.

		Insecticide	Rate	REI (hrs)	PHI (days)	Remarks
	thiamethoxam	Actara 25WG	210-280 g/ha	12	3	Weevils, Brown Marmorated Stink Bug - Apply before pests reach
	Group 4					damaging levels. Maximum two applications per year. Do not apply to blooming crops and wait at least 5 days before placing beehives in a treated field.
<b>₫</b> †	acetamiprid	Assail 70 WP	136-160 g/ha	12	7	Spanworm - Suppression only. Fleabeetle – Apply at high rate; Fruit fly
	Group 4					Apply in a minimum spray volume of 187 L/ha. Max 4 applications per year
<b>4</b>	chlorantranil-	Altacor	215-285 g/ha	12	1	Spanworm, Redstripped Fireworm - Do not make more than 3
	iprole Group 28					applications per season. Do not apply more often that once every 7 days.  Do not exceed 645g/ha per season.
•	Flonicamid Group 29	Beleaf 50 SG	200 g/ha	12	0	Aphids, Lygus bug – Max 3 applications per year. Allow 7 days between applications
	Tebufenozide  Group 18	Confirm 240 F	1.0 L/ha	12	14	Spanworm – Apply when first signs of damage occur or when threshold is reached
↑季	dimethoate	Cygon 480 EC	580-825	_	15	Fruit fly - Apply early to late July. Air temperature should not exceed
		0,80 100 20	mL/ha			25°C.
<b>*</b> *	Group 1B	Lagon 480 E	600-825 mL/ha			Maximum of 2 applications per season. Contact buyer for use of this product in their markets
<b>◆</b>	Cyantraniliprole	Exirel	500-1500	12	3	Blueberry Gall midge, weevils, Blueberry Fruit fly, SWD, Fleabeetle - For
ф.	Group 28		ml/ha			SWD, begin applications when populations are low. It targets the adult life stage of SWD. If SWD populations are high, use a registered insecticide with a different of mode of action to reduce the pest populations. Do not make more than 4 applications per season. Do not apply more than once every 5 days.
<b>為</b> i	deltamethrin	Decis 5 EC	125-150	12	14	<b>Leaftier</b> - Apply at F1 stage, in 100-200 litres of water per hectare.
<b>4</b>	Group 3		mL/ha			Spanworm – use low rate.
<b>♦</b> ◆	spinetoram	Delegate WG	100-200 g/ha	12	3	Spanworm, Fleabeetle, SWD - Suppression only. Apply at egg hatch to
<b>~</b>	Group 5		(315-420 g/ha -SWD)			small larvae. Use high rate for higher populations and/or larger larvae.  Max 3 applications per year, with a minimum re-treatment interval of 6 days. Avoid when pollinators are active.
	Bacillus	Dipel 2X DF	550-1125 g/L	-	0	Apply to larvae at 1st or 2nd instar. Apply in a minimum of 300 L/ha.
	thuringiensis Group 11	·				Controls Chainspotted Geometer and various leafroller species.
<b>∱</b> Æ	phosmet	Imidan 70WP	1.6 kg/ha	72	15	Spanworm, Fruitfly, SWD - Max 2 applications per year, apply in 1000
<b>4</b> ✓	Group 1B	Instapak	110 Ng/110	,,,		litres of water/ha.
	methoxyfen- ozide Group 18	Intrepid 240F	0.5 L/ha	12	7	Spanworm - Apply when feeding damage is detected or when infestations reach thresholds. Repeat applications after 7-14 days if required.
<b>₩</b> ~	malathion	Malathion 25W	2.25 kg/1000	-	1	Fruit fly, Thrips - Apply early to late July. Average control.
	Group 1B	Malathion 85E	1000 ml/ha	-	1	Brown Marmorated stink bug – Max 3 applications
× abc	spirotetramat	Movento 240	365-435	12	7	Fruit fly - Apply in 200-3000 L/ha. Allow for 7 days between applications.
<b>♣</b> ❤	Group 23	SC	ml/ha			Blueberry gall midge – Apply at egg hatch when buds are tightly closed.
<b>♣</b> ◆	permethrin	Pounce 384 EC	180 mL/ha	-	-	Thrips - Vegetative year only. Make one application between mid-May and early June when plants are 1-2 cm.
	Group 3					
<b>♦●</b>	carbaryl	Sevin XLR PLUS	4.0 L/ha	-	2	Fruit Fly - Apply early to late July. Apply in 1200-1500 litres of water per hectare.
	Group 1A Flupyradifurone	Sivanto Prime	750-1000	12	3	Fruit fly - Minimum intervals between applications is 7 days. Apply in a
•••	Group 4D	Sivanto Fillic	ml/ha	12	3	minimum volume of 100 l/ha
<b>◆</b>	spinosad	Success 480	145-182	dry	3	Spanworm, Fleabeetle - Apply at egg hatch to small larvae. Apply in 300-
( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		sc	ml/ha			500 litres of water per hectare. Use high rate under high insect pressure
	Group 5		(165-220 – SWD)			or large larvae. Max. 3 applications per year. Repeat applications at 7-10 days.
		Entrust 80W	100-132 g/ha			
			(334-440 – SWD)			
		GF-120 NF Naturalyte Fruit Fly Bait	1.0-1.5 L	dry	0	Fruit fly - Apply early to late July. Apply with a large spray droplet size (4-6 mm). Begin applications as soon as traps indicate flies are present. Repeat on 7 day intervals, use a shorter interval during rainy periods. Max 5 applications per season.



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Extremely Toxic to Fish

Extremely Toxic to Birds

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