











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.

Toxicity	AI/Group	Insecticide	Rate	REI (hrs)	PHI (days)	Remarks
	thiamethoxam Group 4	Actara 25WG	210-280 g/ha	12	3	Weevils, Brown Marmorated Stink Bug - Apply before pests reach 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.
 	acetamiprid Group 4	Assail 70 WP	136-160 g/ha	12	7	Spanworm - Suppression only. Fleabeetle – Apply at high rate; Fruit fly Apply in a minimum spray volume of 187 L/ha. Max 4 applications per year
	chlorantranil- iprole Group 28	Altacor	215-285 g/ha	12	1	Spanworm, Redstriped Fireworm - Do not make more than 3 applications per season. Do not apply more often than once every 7 days. Do not exceed 645g/ha per season.
	Fonicamid 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
   	dimethoate Group 1B	Cygon 480 EC Lagon 480 E	580-825 mL/ha 600-825 mL/ha	-	15	Fruit fly - Apply early to late July. Air temperature should not exceed 25°C. Maximum of 2 applications per season. Contact buyer for use of this product in their markets
 	Cyantraniliprole Group 28	Exirel	500-1500 ml/ha	12	3	Blueberry Gall midge, weevils, Blueberry Fruit fly, SWD, Fleabeetle - For 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 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.
  	deltamethrin Group 3	Decis 5 EC	125-150 mL/ha	12	14	Leaf tier - Apply at F1 stage, in 100-200 litres of water per hectare. Spanworm – use low rate.
 	spinetoram Group 5	Delegate WG	100-200 g/ha (315-420 g/ha -SWD)	12	3	Spanworm, Fleabeetle, SWD - Suppression only. Apply at egg hatch to 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.
	<i>Bacillus thuringiensis</i> Group 11	Dipel 2X DF	550-1125 g/L	-	0	Apply to larvae at 1st or 2nd instar. Apply in a minimum of 300 L/ha. Controls Chainspotted Geometer and various leafroller species.
   	phosmet Group 1B	Imidan 70WP Instapak	1.6 kg/ha	72	15	Spanworm, Fruitfly, SWD - Max 2 applications per year, apply in 1000 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.
 	malathion Group 1B	Malathion 25W Malathion 85E	2.25 kg/1000 L 1000 ml/ha	-	1	Fruit fly, Thrips - Apply early to late July. Average control. Brown Marmorated stink bug – Max 3 applications
 	spirotetramat Group 23	Movento 240 SC	365-435 ml/ha	12	7	Fruit fly - Apply in 200-3000 L/ha. Allow for 7 days between applications. Blueberry gall midge – Apply at egg hatch when buds are tightly closed.
 	permethrin Group 3	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.
  	carbaryl Group 1A	Sevin XLR PLUS	4.0 L/ha	-	2	Fruit Fly - Apply early to late July. Apply in 1200-1500 litres of water per hectare.
 	Flupyradifurone Group 4D	Sivanto Prime	750-1000 ml/ha	12	3	Fruit fly - Minimum intervals between applications is 7 days. Apply in a minimum volume of 100 l/ha
 	spinosad Group 5	Success 480 SC Entrust 80W	145-182 ml/ha (165-220 – SWD) 100-132 g/ha (334-440 – SWD)	dry	3	Spanworm, Fleabeetle - Apply at egg hatch to small larvae. Apply in 300-500 litres of water per hectare. Use high rate under high insect pressure or large larvae. Max. 3 applications per year. Repeat applications at 7-10 days.
	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 Bees |  Extremely Toxic to People |
|  Moderately Toxic to Bees |  Moderately Toxic to People |
|  Extremely Toxic to Fish |  Extremely Toxic to Birds |
|  Moderately Toxic to Fish |  Moderately Toxic to Birds |

