

Herbicide Selection Table for Tree Fruits in British Columbia

Product Name (Common)	Annual/ Perennial	Broadleaf/ Grass	Group	Product Amount		PHI	REI	Apple	Pear	Apricot	Peaches	Nectarines	Cherries	Plums	Precaution and Notes	
				Ha	Acre											
Prior to Establishment																
Aim EC	carfentrazone	A	BLW	14	37 - 117 mL	15 - 47 mL	3	12	X	X	X	X		X	X	Pre-plant burndown. Non-residual. Rate required depends on the target weed and size of the weed. Use an non selective, non residual weed control. Rates varies with formulation/product and size of weed, i.e. 1 L/ha controls most annual weeds 8 to 15 cm tall. Check the label of the product purchased. Remove suckers before application. Tank mix to delay selection of resistance. Apply to soil prior to transplanting. Incorporate into soil.
Glyphosate*	glyphosate	A/P	BLW/G	9	1.6 - 9.0 L	0.65 - 3.64 L	U	30	X	X	X	X		X	X	
Treflan*	trifluralin	A	BLW/G	3	1.2 - 2.4 L	0.5 - 0.97 L	U	12	X	X	X	X		X	X	
Year of Establishment and Non-Bearing Trees																
Basagran	bentazon	A	BLW	6	2.25 L	1.0 L	U	24	X	X	X	X	X	X		Controls young broadleaf weeds. Direct spray away from crop foliage. Apply using high water volume. Use the recommended surfactant.
Casoron 4G	dichlobenil	A/P	BLW/G	20	110-175 kg	44.5 - 71 kg	U	24	X							Pre-emergent control of broadleaf weeds including field horsetail. Granules sprinkled on soil, normally in fall. Exceeding recommended rate can injure trees.
Dual Magnum	metolachlor	A	BLW/G	15	1.25 L – 1.75 L	0.5 - 0.71	U	12	X	X	X	X	X	X	X	Post planting, pre-emergent control of a some grasses and broadleaves. Use the higher rate for heavier weed pressure. Do not use on sandy soils with less than 2% organic matter.
Glyphosate*	glyphosate	A/P	BLW/G	9	1.6 - 9.0 L	0.65 - 3.64 L	U	30	X	X	X	X		X	X	Non selective, non residual weed control. Rates varies with formulation/product and size of weed, i.e. 1 L/ha controls most annual weeds 8 to 15 cm tall. Check the label of the product purchased. Remove suckers before application. Tank mix to delay selection of resistance.
Poast Ultra	sethoxydim	A/P	G	1	1.1 L	0.45 L	U	12	X			X			X	Controls some perennial and most annual grass weeds. Use specified surfactant.
Princep Nine-T*	simazine	A	BLW/G	6	1.1 - 2.0 kg		U	12	X		X	X				Apply pre-emergence in spring on trees established one or more year. Do not use on soils with less than 2% OM.
Prowl H2O	pendimethalin	A	BLW/G	3	3.7 L	1.5 L	U	24	X		X	X	X	X		Apply pre-emergent for early weed control. Requires soil water for activation.
Sencor 75 DF	metribuzin	A	BLW	5	5.0 Kg	2.0 Kg	U	12	X	X	X	X		X	X	Pre-plant incorporate in the year of planting. Do not use on coarse soils with less than 2% organic matter.
Sinbar	terbacil	A	BLW/G	5	1.25 Kg	0.5 Kg	U	24	X		X	X	X	X	X	Soil applied residual herbicide for trees in the 1st year. Apply when weeds are actively growing, requires water for activation. Do not use on soils containing less than 3% organic matter, or less than 1% in the year of establishment.

Product Name	Common Name	Annual/ Perennia	Broadleaf/ Grass	Group	Product Amount Ha	Product Amount Acre	PHI	REI Hr	Apple	Pear	Apricot	Peaches	Nectarines	Cherries	Plums	Precaution and Notes
Venture L	fluzafop	A/P	G	1	2.0 L	0.81 L	U	24	X	X						Grass control for non bearing apples and pears. Apply at the 2-4 leaf of grasses.
Pre-Emergent Weed Control in Established Orchards																
Alion	indaziflam	A	BLW/G	29	375 mL	152 mL	14	12	X	X	X	X	X	X	X	Bare ground, residual, pre-emergent control. Banded or broadcast directed spray to trees established 3 or more years. Requires soil water to activate.
Authority 480	sulfentrazone	A	BLW/G	14	0.292 L	0.12 L	14	12	X							Pre-emergent, banded application. Do not use on fine soils
Chateau	flumioxazin	A	BLW/G	14	280 - 420 g	113 - 170 g	60	12	X	D	X	X	X	X	X	Pre-emergent, residual control. Moisture is required for activation. Use low rate for coarse-textured, with <5% organic matter. Use high rate for medium texture with >5% OM. Do not apply on fine-textured soils.
Dual Magnum	metolachlor	A	BLW/G	15	1.75 L	0.71 L	U	24	X	X	X	X	X	X	X	Residual pre-emergent control of a limited number of grasses and broadleaves. Do not use on sandy soils with <2% OM. Requires water to activate.
Princep Nine-T*	simazine	A	BLW/G	6	2.2 - 5.0 kg		U	12	X	X						Apply prior to emergence in spring on trees established one or more year. Use higher rates on heavier soils. Do not use on soils with less than 2% OM.
Prowl H2O	pendimethalin	A	BLW/G	3	3.7 L	1.5 L	U	24	X		X	X	X	X		Pre-emergent for newly planted and established trees. Requires soil water to activate.
Sandea	halosulfuron	A/P	BLW/G	2	35 - 140 g	14 - 57 g	14	24	X							Pre- and post emergent control. Apply in a band. Residual. Pre-emergent, higher rates will increase the duration of residual control, post-emergent, higher rates will control larger weeds.
Sinbar	terbacil	A	BLW/G	5	2.25 - 4.5 Kg	0.91 - 1.8 Kg	U	24	X			X	X			Soil applied residual herbicide. Trees established at least three years. Apply in a band. Rates vary with soil texture. Do not use on soils with <1% OM. Requires water for activation.
Post Emergence/Midrow/Under Trees in Established Orchards																
2,4-D Amine 60	2,4-D	A/P	BLW	4	1.67 L	0.675 L	80	U	X	X	X	X		X	X	Apply in early spring, when weeds are young and actively growing. Vapor drift damaging to surrounding vegetation. Avoid spraying on days >25 C.
Aim EC	carfentrazone	A	BLW/G	14	37-117 mL	15 - 47 mL	3	12	X	X	X	X		X	X	Non-selective, non-residual. Rate required depends on the target weed and size of the weed. Use an adjuvant.
Centurion	clethodim	A	G	1	0.38 L	0.15 L	14	12						X		Apply to established cherry for control of 2 to 6 leaf annual and perennial grasses. Use specified surfactant
Glyphosate*	glyphosate	A/P	BLW/G	9	1.6 - 9.0 L	1.65 - 3.64 L	U	30	X	X	X	X		X	X	Non selective, non residual weed control. Rates varies with formulation/product and size of weed, i.e. 1 L/ha controls most annual weeds 8 to 15 cm tall. Check the label of the product purchased. Remove suckers before application. Tank mix to delay selection of resistance.

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			Ha	Acre													
Ignite	glufosinate	A/P	BLW/G	10	2.7 - 5.0 L	1.1 - 2.0 L	14 - 40	12	X	X	X	X	X	X	X	X	Non-residual, non-selective, rate varies with weed species.
Lorox	linuron	A	BLW/G	7	9 L	3.64 L	U	24	X	X		X		X	X		Foliar and residual control. Directed spray for trees established 10 years (except 1 year for peach trees). Apply before weeds are 10 cm high. Use high water volume.
Poast Ultra	sethoxydim	A/P	G	1	1.1 L	0.45 L	U	30	X	X	X	X		X	X		Controls some perennial and most annual grass weeds. Use specified surfactant.
Prism SG	rimsulfuron	A/P	BLW/G	2	60 g	25 g	U	12			X	X	X	X	X		Make a single, directed application early postemergence to actively growing weeds once in the season.
Pyralid*	clopyralid	A/P	BLW	4	42 - 83 mL	17 - 34 mL	30	24	X	X							Apply as a spot spray for control of vetch and labeled weeds.
Sandea	halosulfuron	A/P	BLW/G	2	35 - 140 g	14 - 57 g	14	24	X								Pre- and post emergent control. Residual. Pre-emergent, higher rates will increase the duration of residual control, post-emergent higher rates will control larger weeds.
Venture L	fluazafop	A/P	G	1	2.0 L	0.81 L	U	24	X	X		X		X	X		Foliar spray. Apply at the 2-4 leaf of grasses in a band under trees.
Sucker Management																	
Aim EC	carfentrazone	A	BLW	14	0.150 L	0.06 L	3	12	X	X	X	X		X	X		Excellent sucker control. Directed spray at the base of the tree do not to get spray on fruit, foliage or tender growing parts.
Ignite	glufosinate	A/P	BLW/G	10	2.7 - 5.0 L	1.1 - 2.0 L	14 - 40	12	X	X	X	X	X	X	X	X	Non-residual, non-selective weed control, rate varies with weed species.
Post Harvest Weed Control																	
Casoronv4G	dichlobenil	A/P	BLW/G	20	110-175 kg	44.5 - 71 kg	U	24	X								Pre-emergent control of broadleaf weeds including field horsetail. Granules sprinkled on soil, normally in fall. Exceeding recommended rate can injure trees.
Glyphosate*	glyphosate	A/P	BLW/G	9	1.6 - 9.0 L	1.65 - 3.64 L	U	30	X	X	X	X		X	X		Non selective, non residual weed control. Rates varies with formulation/product and size of weed, i.e. 1 L/ha controls most annual weeds 8 to 15 cm tall. Check the label of the product purchased. Remove suckers before application. Tank mix to delay selection of resistance.

*More than one product name

U=unspecified on the label

D=apply to dormant trees only

&Not all 2,4-D products are registered for use in orchards.