

Herbicide Selection Table for Tree Fruits in British Columbia

Product Name(s)	Common Name	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 adjuvant.
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.
Treflan*	trifluralin	A	BLW/G	3	1.2 - 2.4 L	0.5 - 0.97 L	U	12	X	X	X	X		X	X	Apply to soil prior to transplanting. Incorporate into soil. Rate varies with soil texture.
Year of Establishment and Non-Bearing Trees																
Assure II	Quizalofop-p-ethyl	A	G	1	0.38 - 0.75 L	0.15 - 0.30 L	14	12	X	X	X	X	X	X	X	a recommended surfactant at 5 litres per 1000 liters of spray (0.5% v/v). Use a minimum of 100 litres of water/ha.
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.
BioLink	Caprylic acid & Capric acid	A/P	BLW/G		6 - 9% solution	6 - 9% solution	0	24	X	X	X	X	X	X	X	BioLink® Herbicide EC works best on newly emerged, actively growing weeds that are less than 15 cm in height. Apply with up to 937 L of water per hectare, Repeat applications every 14-21 days as required to maintain the desired level of weed control
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.

Herbicide Selection Table for Tree Fruits in British Columbia

Product Name(s)	Common Name	Annual/Perennial	Broadleaf/Grass	Group	Product Amount		PHI	REI	Apple	Pear	Apricot	Peaches	Nectarines	Cherries	Plums	Precaution and Notes
					Ha	Acre										
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	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.
Venture L	fluazafop	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
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.

Herbicide Selection Table for Tree Fruits in British Columbia

Product Name(s)	Common Name	Annual/Perennial	Broadleaf/Grass	Group	Product Amount		PHI	REI	Apple	Pear	Apricot	Peaches	Nectarines	Cherries	Plums	Precaution and Notes
					Ha	Acre										
Serene	Acetic Acid	A	BLW		25 - 30% Solution	25-30% Solution			X							Spray unwanted vegetation to the point of wetness. Do not apply after budbreak unless using hooded or shielded application equipment and applicator can ensure spray drift will not come in contact with fruit or foliage.
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 600	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.
Assure II	Quizalofop-p-ethyl	A	G	1	0.38 - 0.75 L	0.15 - 0.30 L	14	12	X	X	X	X	X	X	X	a recommended surfactant at 5 litres per 1000 liters of spray (0.5% v/v). Use a minimum of 100 litres of water/ha.
BioLink	Caprylic acid & Capric acid	A/P	BLW/G		6 - 9% solution	6 - 9% solution	0	24	X	X	X	X	X	X	X	BioLink® Herbicide EC works best on newly emerged, actively growing weeds that are less than 15 cm in height. Apply with up to 937 L of water per hectare, Repeat applications every 14-21 days as required to maintain the desired level of weed control
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.
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	Non-residual, non-selective, rate varies with weed species.
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.

Herbicide Selection Table for Tree Fruits in British Columbia

Product Name(s)	Common Name	Annual/ Perennial	Broadleaf/Grass	Group	Product Amount		PHI	REI	Apple	Pear	Apricot	Peaches	Nectarines	Cherries	Plums	Precaution and Notes
					Ha	Acre										
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,
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	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.