CURRENTLY REGISTERED HERBICIDES FOR USE IN SEEDLING ALFALFA AND IN ESTABLISHED ALFALFA GROWN FOR SEED PRODUCTION - 2017

Information on currently registered herbicides for use in seedling alfalfa and in established alfalfa grown for seed production is important for every alfalfa seed producer. These tables from the 2017 Saskatchewan Guide to Crop Protection provide information on registered herbicides for use in seedling alfalfa and in established alfalfa grown for seed production in 2017. Further details on the use of these registered herbicides may be found on the crop protection product labels.

Table 19a. Weed Control in Forage Crops – Crops

		GRASSES																					LEGUMES								COVER CROPS				
HERBICIDE	PAGE	Altai Wild Rye Grass	Bromegrass	Creeping Red Fescue	Crested Wheatgrass	Intermediate Wheatgrass	Kentucky Bluegrass	Meadow Fescue	Meadow Foxtail	Millets	Northern Wheatgrass	Orchardgrass	Pubescent Wheatgrass	Reed Canarygrass	Russian Wild Ryegrass	Ryegrass, Annual	Ryegrass, Perennial	Slender Wheatgrass	Streambank Wheatgrass	Tall Fescue	Tall Wheatgrass	Timothy	Western Wheatgrass	**Alfalfa**	Alsike Clover	Cicer Milkvetch	Red Clover	Sainfoin	Sweet Clover	Trefoil, Bird's-foot	White Dutch Clover	Barley	Flax[16]	Oats	Canola	Wheat
2,4-D[8]		x	x	x	x	x	x	x	x	s	x	x	x	x	x	x		x	x	x	x	x	x									x				x
2,4-DB[8]			s[4]	s[4]	s[4]	s[4]		s[4]				s[4]							s[4]	s[4]	s[4]	s[4]		[illegible]	s		s			s	s	x		x		x
Avadex Liquid EC [18]																								s[1]	s[1]		s[1]		s[1]	s[1]		x	x		x	x
Basagran[8]			s[2]	s[2]	s[2]				s[2]	s		s[2]										s[2]		x[2]	x[2]		x[2]	x[2]	x[2]				x			
Bromoxynil[8]			s[2]	s[2]	s[2]	s[2]		s2		s		s[2]		s[2]	s[2]			s[2]			s[2]	s[2]		x[2]								x	x	x		x
Bromoxynil / MCPA ester[8]			s[2]	s[2]	s[2]	s[2]		s[2]	s[2]			s[2]		s[2]	s[2]			s[2]	s[2]	s[2]	s[2]	x										x	x	x		x
Clethodim[8]																								[illegible]									x		x	
Curtail M																						E										x	x	x		x
Dicamba+2,4-D			s	x[2]	s	s		s	s			s	s					s	s	s	s	s										x				x
Dicamba / Mecoprop / MCPA[8]			x[9]	x[9]	x[9]	x[9]	E[9]	E[9]	x[9]			x[9]	E9					E[9]	E[9]	E[9]	E[9]	x[9]	E[9]									x		x		x
Edge[18]																								s[2]											x	
Eptam 8-E[18]																								[illegible]		s[2]			s[2]	s						
Fenoxaprop[8]																	s[2]																			
Florasulam+ *Curtail M*			x[2]	x[2]	x[2]	x[2]											x[2]			x[2]		x[2]										x		x		x
Florasulam+ MCPA[8]																						x														
Fluroxypyr / 2,4-D			x[2]	x[2]	x[2]	x[2]														x[2]		x[2]														
Gramoxone																								E[9]						E						
Heat LQ[18]			s[2]																													x[2]		x[2]		x[2]
Imazamethabenz[8]																x[2]																				
Imazethapyr[8]																								x[15]											x[11]	
Infinity			E														x					x[2]										x				x
Kerb																								[illegible]						E						
Lontrel		x	x	x	x	x	x	x	x			x		x	x			x	x	x	x[9]	x										x	x	x	x	x
MCPA[8]			x[8,9]	x[8,9]	x[8,9]	x[8,9]	x[8,9]	x[8,9]				x[8,9]		x[8,9]	x[8,9]	x[8,9]		x[8,9]			x[8,9]	x[8,9]		[5,6]	s[5]		s[5]					x	x	x		x
MCPB +MCPA[8]		s[4]	s[4]	s[4]	s[4]	s[4]		s[4]			s[4]		s[4]	s[4]	s[4]			s[4]	s[4]	s[4]	s[4]	s[4]	s[4]	[2,8]	s		s					x		x		x
Metsulfuron[8]				x	x	x						x										E[8,17]										x				x
Odyssey																								x[2]						x[2]						
Poast Ultra				x[2]																				[illegible]	x	x		x	x				x		x	
Prestige XC			x[2]	x[2]	x[2]	x[2]														x[2]		x[2]										x				x
Princep Nine-T																								[illegible]						E						
Quizalofop[8]																								x[2]	x[2]	s[2]	x[2]	s[2]	s[2]	s[2]	s[2]		x		x	
Thifensulfuron/ Tribenuron[8]			x	x	x	x	E				x	x	x					x	x	x	x		x									x		x		x
Tralkoxydim[8]			x[2]	x[2]	x[2]	x[2]					s[2]							s[2]					s[2]	s[1]	s[1]		s[1]	s[1]	s[1]	s[1]	s[1]	x				x
Trifluralin[8, 18]																								s[13]	s[14]	s[14]	s[14]	s[12]	s[12]	s[14]			x[7]		x	
Velpar DF CU																								[illegible]												

S – seedling only. E– Established only. X – seedling or established. [1] Underseeded only. [2] For seed production only. [4] Do not graze or harvest for livestock in the year of treatment. [5] Use MCPA sodium salt on seedling forages only when underseeded to flax, oats, wheat or barley. Do not use on Flemish varieties of alfalfa. [6] For use as a spot treatment only control red bartsia. [7] Apply to fall prior to seeding. [8] All products may not be registered for crops and weeds indicated. Check product labels. [9] For forage production only. [10] Check recommendations for varietal restrictions. [11] CLEARFIELD varieties only. [12] Liquid formulations in spring only. [13] *Bonanza 10G, Treflan E.C.* (spring only). [14] *Treflan E.C.* in spring only. [15] Apply to seedlings stands that will be in production for three years after application and establishment stands that will be in production for 2 years after application. [16] May not include Solin (low linolenic acid flax). Check product label for restrictions. [17] Fall application only. [18] For application prior to emergence of the crop.

Table 19b. Weed Control In Forage Crops – Weeds

HERBICIDE	PAGE	GRASSES						BROADLEAVED WEEDS																																VOLUNTEER			
		Barnyardgrass	Foxtail Barley	Foxtail, Green	Foxtail, Yellow	Quackgrass	Wild Oats / Tame Oat	Blue Bur	Buckwheat, Wild	Burdock	Catchfly, Nightflower	Chickweed	Cleavers	Cockle, Cow	Cocklebur	Dandelion	Dock, Curled	Flixweed	Goat's beard	Goosefoot, Oat-leaved	Hawk's beard, Narrow-leaved	Hemp-nettle	Knotweed, Prostrate	Kochia†	Lamb's quarters	Lettuce, Prickly	Mustard, Wild	Pigweed, Prostrate	Pigweed, Redroot	Pigweed, Russian	Plantain, Common	Radish, Wild	Ragweed, False / Giant	Russian Thistle	Scentless Chamomile	Shepard's Purse	Smartweed, Lady's thumb	Sow Thistle (Annual)	Sow Thistle (Perennial)	Stinkweed	Sunflower, Prairie / Annual	Thistle, Canada	Cereal Grains (wheat, barley)	Flax	Canola	Alsike Clover
2,4-D								•		•					•	T	•	•5	•	•	•5			•	•	•	•	•		•	•	•	•		•5	•	•	T	•5	T	T			•	
2,4-DB									•							T	US			•	•				•		•	•		•		•			•	US		T	•		T				
Avadex Liquid EC							•2																																						
Basagran												•	•		•										•		•	US				•		US		•	•			•		T			•	
Bromoxynil								•	•					•	•									•	•		•	•	•	•				•			•			•						
Bromoxynil / MCPA ester[8]								•	•		•			•	•			•						•	•		•		S4					•	•5	•	•		T	•		T			•	
Clethodim		•		•	•	US	•																																			•			
Curtail M									•	•					•	•7		•5						S	•	•	•		•	•	T	•	•		•5	•5	•	•	T	•5	•	T			•	
Dicamba + 2,4-D								•	•	•			•	•	•			•	•		•5			•	•	•	•		•	•	•	•	•	•		•	•		T		•	T			•	
Dicamba / Mecoprop / MCPA									•		•		•	•				•				•	•	•	•		•	•	•					•		•	•	•	T	•	•	T			•	
Edge		•		•	•		S3		•			•	US	•								US		•	•			•	•					US			US						US			
Eptam 8-E		•		•	•	US	•					•													•			•	•													•			
Fenoxaprop		•		•	•		•2																																						
Florasulam + *Curtail M*									•			•	•			•		•5				•			•		•		•							•	•	•	S	•		•			•	
Florasulam + MCPA									•	•		•	•	•		S		•				•			•	•	•		•	•	T						•	S	T	•	•	S			•	
Fluroxypyr / 2,4-D								•	•	•		S	•		•	•5,6	•5	•	•	•5				•	•	•	•		•6		•	•	•	•6		•	•6	S	T	•	•	T		•	•	
Gramoxone		•		•	•		•2	•	•		•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•		•	•		•	•	•	
Imazamethabenz							•		S																		•												•						
Imazethapyr				US																							•		•							US	•			•				• 1		
Infinity									•			•	•			S		•				•		•	•		•		•					•		•	•	•	S	•		S			•	
Kerb			•			US	•					•																														•			
Lontrel									•																										•			T			•				•
MCPA								•		•					•		•	•		•		S3		•	•	•	•		•	•			•	T		•5		T	T			T				
MCPB + MCPA																	•					US			•		•		•		•	US	•			•		US	T	•US		•			•	
Metsulfuron								•	S			•		•				•				•			S		•	•	•					S	•	•	•	S	S	•		S			•1	
Odyssey		•		•			•		US			•	•					•				US			US		•		•					•		•	•			•			• 1		• 1	
Poast Ultra		•	S	•	•	US	•																																			•			
Prestige XC									•			S	•			•5		•5				S		•	•		•		•	•					•	•	•	•	S	•	•	S		•	•	
Princep Nine-T		•			•		•2		•																•								•				•								•
Quizalofop		•	S	•	•	US	•																																			•			
Thifensulfuron / Tribenuron									•			•	S	•				•			•	•			•		•		•					•	S	•	•		S	•	•	S			•1	
Tralkoxydim		•		•	•		•																																						
Trifluralin		•		•	•		•2		•			•		•									•		•				•				•												
Velpar DF CU																T					•														•				T						

● - Controlled by rates recommended for crops. S – Suppression. T– Top Growth Control. [1]Will not control CLEARFIELD varieties. [2] For control of wild oats only. [3]Controlled by MCPAK only. [4]Controls redroot pigweed only when a cereal cover crop is used. [5]Spring seedlings only. [6]Controlled only when growing rapidly [7]Spring germinating rosettes.

† Note: Surveys have found that 90% of fields have group 2 resistant kochia. Group 2 herbicides alone will not likely provide effective control.

The information provided in these herbicide tables from the 2017 Saskatchewan Guide to Crop Protection is a summary of available information on currently registered crop protection products. This information is to be used as a guide only and is based on the most recent crop protection product information available at the time of printing. Always consult crop protection product labels for final detailed instruction before using any crop protection product.