

## **CURRENTLY REGISTERED HERBICIDES FOR USE IN SEEDLING ALFALFA AND IN ESTABLISHED ALFALFA GROWN FOR SEED PRODUCTION - 2008**

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Accurate 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. The attached tables provide information on registered herbicides for seedling alfalfa in 2008 (Table 1) and registered herbicides in established alfalfa for seed production in 2008 (Table 2). Further details on the use of these registered herbicides may be found in the 2008 Saskatchewan Guide to Crop Protection and on the crop protection product labels.

**Table 1. Weed Control in Seedling Alfalfa Grown for Seed**

	Barnyard Grass	Canada Thistle	Cleavers	Curled Dock	Dandelion	Flixweed	Foxtail Barley	Field Hoserail	Green Foxtail	Hemp-nettle	Kochia	Lamb's Quarters	Narrow-leaved Hawk's-beard	Perennial Sowthistle	Plantain	Prickly Lettuce	Quack grass	Red Root Pigweed	Russian Pigweed	Shepherd's Purse	Stinkweed	Stork's Bill	Volunteer Barley	Volunteer Canola	Volunteer Oats	Wild Buckwheat	Wild Mustard	Wild Oats	Companion Crop	Rain Fastness (Hours)	2007 Cost (\$/Acre)
2,4-DB	S		S	S		S				C	C	S	C			C			C	C									B, O, W	1	16.19 - 22.17
Achieve Liquid*	C						C																C						B, W	1	18.65
Assure II	C						C							S								C	C	C					CA, F, P	1	12.22 - 25.38
Avadex*																											C	B, CA, F, P, W	0	10.72 - 21.45	
Avenge 200 C*																											C	B, W	6	17.31 - 20.97	
Basagran	S	C								C						S		C	C	C	C		C					F, P	8	19.37 - 24.82	
Bromoxynil								C	C									C	C					C	C			B, F, O, W	1	7.32 - 8.72	
Clethodim	C					C								S								C	C	C				CA, F, P	1	6.61 - 26.75	
Edge	C	S				C	S	C	C							C	S				S		C	C				CA, P	0	16.08 - 26.41	
Eptam 8-E	C					C		C								C						C	C	C				None	0	25.86	
MCPA Amine**				C			C	C					C			C		C	C								C	B, F, O, P, W	4	1.71 - 2.22	
MCPA Na**				C			C	C					C			C		C	C								C	B, F, O, P, W	6	2.40 - 2.59	
MCPB + MCPA	S					S	S	C		S	C					C		C	C			C						B, O, P, W	8	15.48 - 26.23	
Odyssey	C	C		C		C	S	S	S							C	S	C	C	C	C	C	C	C	S	C	C	CL CA, P	3	25.28	
Poast Ultra	C				S	C							S									C	C	C				CA, F, P	1	7.50 - 26.47	
Pursuit						S		S								C		S	C			C						CL CA, P	8	25.12	
Trifluralin	C					C		C								C	C							C				CA, F, P	0	6.82 - 18.42	
Venture L	C					C							S									C	C	C				CA, F, P	2	6.53 - 21.75	

\* = use only when underseeded

\*\* = use only when underseeded and with non-Flemish varieties of alfalfa

**Companion crop:** B = barley, CA = canola, CL CA = Clearfield canola, F = flax, O = oats, P = peas, W = wheat

**Control ratings:** C = control, S = suppression

**Source:** Adapted from the 2008 Saskatchewan Guide to Crop Protection

**Table 2. Weed Control in Established Alfalfa Grown for Seed**

	Barnyard Grass	Bluebur	Canada Thistle	Cleavers	Dandelion	Flixweed	Foxtail	Green Foxtail	Hemp-nettle	Kochia	Lamb's Quarters	Narrow-leaved Hawk's-beard	Perennial Seedlings	Quack grass	Redroot Pigweed	Russian Pigweed	Russian Thistle	Shepherd's Purse	Stinkweed	Scentless Chamomile	Stork's Bill	Volunteer Barley	Volunteer Canola	Volunteer Clovers	Volunteer Oats	Wild Buckwheat	Wild Mustard	Wild Oats	Rain Fastness (Hours)	2007 Cost (\$/Acre)		
Assure II	C							C					S								C			C			C		1	12.22 - 25.38		
Basagran			S	C										S	C	C	C		C							C			8	19.37 - 24.82		
Bromoxynil		C							C	C				C	C	C		C							C	C			1	7.32 - 10.57		
Kerb 50-WSP						C								C							C			C	C			C		0	62.39 - 114.24	
Liberty	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	4	15.76	
Odyssey	C			C		C		S	S	S				C		S	C	C		C	C	C		C	C	S	C	C		3	25.28	
Poast Ultra	C					S	C							S							C			C	C			C		1	7.50 - 26.47	
Princep Nine-T	C									C		C											C			C		C		0	7.56	
Pursuit							S			S				C			S	C				C					C			8	25.12	
Reglone	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	0.25	16.74 - 26.31	
Velpar DF					S							C		S	S						C									0	23.39 - 46.78	
Venture L	C							C						S								C			C	C			C		2	6.53 - 21.75

Control ratings: C = control, S = suppression, D = desiccant

Source: Adapted from the 2008 Saskatchewan Guide to Crop Protection