Table 22a. Weed Control in Forage Crops - Crops

			GRASSES																					LEGUMES								COVER CROPS				
HERBICIDE	Page	Herbicide Mode of Action Group	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 Wheat grass	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]	74	4	X	X	X	X	X	X	X	X	S	X	X	X	X	X	X		X	X	X	X	X	X	X								X				X
2,4-DB[8]	77	4		S[4]	S[4]	S[4]	S[4]		S[4]				S[4]							S[4]	S[4]	S[4]	S[4]		S	S		S			S	S	X		X		X
Authority 480	399	14																							X[2, 20]											
Avadex Liquid EC[18]	432	15																							S[1]	S[1]		S[1]		S[1]	S[1]		X	X		X	X
Bentazon[8]	106	6		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]	117	6		S[2]	S[2]	S[2]	S[2]		S[2]		S		S[2]		S[2]	S[2]			S[2]			S[2]	S[2]		X[2]								X	X	X		X
Bromoxynil / MCPA ester[8]	123	4,6		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
Cirpreme XC	143	2,4		S[21]	X																		X														
Clethodim[8]	146	1																							S									X		X	
Clopyralid	156	4	X	X	X	X	X	X	X	X			X		X	X			X	X	X	X[9]	X										X	X	X	X	X
Curtail M	161	4																					E										X	X	X		X
Dicamba + 2,4-D	170	4		S	X[2]	S	S		S	S			S	S					S	S	S	S	S										X				X
Dicamba / Mecoprop / MCPA[8]	207	4		X[9]	X[9]	X[9]	X[9]	X[9]	X[9]	X[9]			X[9]	E[9]					E[9]	E[9]	E[9]	E[9]	E[9]	E[9]									X		X		X
Eptam Liquid EC[18]	192	15																							S		S[2]			S[2]	S						
Ethalfluralin[18]	199	3																							S[2]											X	
Fenoxaprop[8]	208	1																S[2]																			
Fluroxypyr / 2,4-D	236	2,4		X[2]	X[2]	X[2]	X[2]														X[2]		X[2]														
Imazamox+ Bentazon	277	2,6																							X	X		X	S								
Imazethapyr[8]	284	2																							X[15]											X[11]	
Infinity	288	6,27		E														X					X[2]										X				X
Infinity FX	290	4,6,27		E	X													X					X[2]														
Kerb SC	298	3																							E						E						
MCPA[8]	303	4		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]		S[5,6]	S[5]		S[5]					X	X	X		X
MCPB + MCPA[8]	306	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]	S[4]	S[2,8]	S		S					X		X		X
Metsulfuron[8]	314	2			X	X	X						X										E[8,17]										X				X
Odyssey NXT	280	2																							X[2]	S[2]		S[2]	S[2]	S[2]	X[2]						
Prestige XC (see clopyralid / MCPA + fluroxypyr)	163	4		X[2]	X[2]	X[2]	X[2]														X[2]		X[2]										X				X
Princep Nine-T	389	5																							E						E						
Puma Advance	208	1																X[19]			X[19]																
Quizalofop[8]	355	1																							X[2]	X[2]	S[2]	X[2]	S[2]	S[2]	S[2]	S[2]		X		X	
Select Plus[2]	381	1																							X												
Stellar XL	223			X[2]						X[2]			X[2]		X[2]								X[2]														
Thifensulfuron / Tribenuron (2:1)[8]	413	2		X	X	X	X	E				X	X	X					X	X	X	X		X									X		X		X
Tralkoxydim[8]	423	1		X[2]	X[2]	X[2]	X[2]					X[2]							X[2]					S[2]	S[1]	S[1]		S[1]	S[1]	S[1]	S[1]	S[1]	X				X
Trifluralin[8,18]	442	3																							S[13]	S[14]	S[14]	S[14]	S[12]	S[12]	S[14]			X[7]		X	
Velpar DF CU	461	5																							E												

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 EC* (spring only). [14] *Treflan EC* 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. [19] forage or seed production. [20] Dormant alfalfa. [21] Smooth Bromegrass ONLY

Table 22b. Weed Control in Forage Crops - Weeds

HERBICIDE	Page	Herbicide Mode of Action Group	GRASSES: Barnyardgrass	Foxtail Barley	Foxtail, Green	Foxtail, Yellow	Quackgrass	Wild Oats / Tame Oat	BROADLEAVED WEEDS: Blue Bur	Buckwheat, Wild	Burdock	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	Night-flowering Catchfly	Pigweed, Prostrate	Pigweed, Redroot	Pigweed, Russian	Plantain, Common	Radish, Wild	Ragweed, False / Giant	Russian Thistle	Scentless Chamomile	Shepherd's-purse	Smartweed, Lady's-thumb	Sow-thistle (Annual)	Sow-thistle (Perennial)	Stinkweed	Sunflower, Prairie / Annual	Thistle, Canada	VOLUNTEER CROPS: Cereal Grains (wheat, barley)	Flax	Canola	Alsike Clover
2,4-D	74	4							•		•				•	TG	•	•[5]	•	•	•[5]			•	•	•	•		•	•		•	•	•		•	•	TG	•[5]	TG	TG			•	
2,4-DB	77	4								•						TG	S			•	•				•					•		•	•	•		•	S		TG	•		TG				
Avadex Liquid EC	432	15						•[2]																																						
Bentazon	106	6										•	•		•										•				S				•		S		•	•			•		TG			•	
Bromoxynil	117	6							•	•				•	•									•	•		•	•	•					•				•								
Bromoxynil / MCPA Ester	123	4,6							•	•				•	•			•						•	•		•		S[4]					•	•[5]	•	•		TG	•		TG			•	
Cirpreme XC	143	2,4	•									•	•	•		•		•			•	•			•				•							•	•	•					•	•	•	
Clethodim	146	1	•			•	•	S	•																																			•			
Clopyralid	156	4								•																													TG				•				•
Curtail M	161	4								•	•				•	•[7]		•[5]					S	•	•	•			•	•	T	•	•		•[5]	•	•	•	TG	•[5]	•	TG			•	
Dicamba + 2,4-D	170	4							•	•	•		•	•	•			•	•		•[5]			•	•	•	•			•	•	•	•	•			•	•		TG		•	TG			•	
Dicamba / Mecoprop / MCPA	207	4								•			•	•				•				•	•	•	•		•	•						•			•	•	•	TG	•	•	TG			•	
Ethalfluralin	199	3	•			•	•		S[2]		•		•	S	•							S			•	•				•	•					S				S					S			
Eptam Liquid EC	192	15	•			•	•	S	•				•													•				•	•														•			
Fenoxaprop	208	1	•			•	•		•[2]																																						
Fluroxypyr / 2,4-D	236	4							•	•	•	S	•		•	•[5,6]	•[5]	•	•	•[5]				•	•	•	•			•[6]		•	•	•	•[6]		•	•[6]	S	TG	•	•	TG		•	•	
Imazamox+ Bentazon	277	2,6	•			•	•		•		S			S	•									S	•		•		•	•					•		•	•			•			•			
Imazethapyr	284	2			S																						•		•							S	•			•					•[1]	
Infinity	288	6,27								•		•	•			S		•				•		•	•		•		•					•		•	•	•	S	•		S			•	
Infinity FX	290	4,6,27								•		•	•			S		•				•		•	•		•		•					•		•	•	•	S	•		S		•	•	
Kerb SC	298	3		•			•	•				•																																•			
MCPA	303	4	•						•		•				•		•	•		•		S[3]		•	•	•	•			•	•			•	TG		•[5]		TG	TG			TG				
MCPB + MCPA	306	4															•					S			•		•			•		•	S			•		S	TG	•[5]		•			•	
Metsulfuron	314	2							•	S		•		•				•				•			S		•		•	•				S	•	•	•	S	S	•		S			•[1]	
Odyssey NXT	280	2	•			•				S		•	•					•				S			S		•			•						•	•			•				•[1]		•[1]	
Prestige XC (see clopyralid/ MCPA + fluroxypyr)	163	4								•		S	•			•[5]		•[5]				S		•	•		•		•	•					•	•	•	•	S	•	•	S			•	•	
Princep Nine-T	389	1	•				•		•[2]		•														•									•				•									
Puma Advance	208	1	•			•	•		•																																						
Quizalofop	355	1	•	S		•	•	S	•																																			•			
Select Plus	381	1	•	•		•	•		•																																					
Stellar XL	223									•	•	•	•		•			•				•		•	•	•	•			•	•	•				•	•			•	•			•	•	
Thifensulfuron / Tribenuron (2:1)	413	2								•		•	S	•				•				•			•		•			•					S		•	•		S	•	•	S			•[1]	
Tralkoxydim	423	1	•			•	•		•																																					
Trifluralin	442	3	•			•	•		•[2]		•		•		•								•		•					•				•												
Velpar DF CU	461	5														TG					•														•					TG								

• Control. S –= Suppression. TG – Top growth control.

[1] **Will not control CLEARFIELD varieties.** [2] **For control of wild oats only.** [3] **Controlled by MCPA K 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.**