SOYBEANS

HERBICIDE (active ingredient, *trade name*)		Page in *Guide to Field Crop Protection*	Herbicide Group	GRASSES						ANNUAL BROADLEAVES																		PERENNIALS				Crop Stage
				Barnyard Grass	Green Foxtail	Yellow Foxtail	Volunteer Barley	Volunteer Wheat	Wild Oat	Biennial Wormwood	Wild Buckwheat	Chickweed	Cleavers	Cocklebur	Hemp-nettle	Kochia	Lamb's-quarters	Wild Mustard	Nightshades	Redroot Pigweed	Common Ragweed	Russian Thistle	Shepherd's Purse	Smartweed, Annual	Stinkweed	Volunteer Canola	Waterhemp	Canada Thistle	Dandelion	Perennial Sow-thistle	Quackgrass	
Glyphosate[2,3]		252	9	•	•	•	•	•	•	•	•	•	•	•	•	•[13]	•	•	•	•	•	•	•	S	•[9]	•[13]	•	•	•	•	•	V1 through R1
Glyphosate + Dicamba	*Roundup Xtend*[10]	380	4,9	•	•	•	•	•	•	•	•	•	•	•	•	•[12]	•	•	•	•	•	•	•	•	•[9]	•	S	•	S	•	Up to R2 (full flower)
Glyphosate + 2,4-D choline	*Enlist Duo*[15]	198	4,9	•	•		•	•	•	TG	•	•	•	•	•	•[12]	•	•	•	•	•	•	•	•	•	•	•[16]	•	•[16]	•	Up to R1
PRE-PLANT/PRE-EMERGENT																																	
Carfentrazone	*Aim EC*	148	14										•	•		•	•		•	•		•	•	•	•	•							
Sulfentrazone	*Authority/Authority Charge*[7]	114	14								•		S			•	•		•	•						•						
Sulfentrazone + Pyroxasulfone	*Authority Supreme*[7]	116	14,15	•	•	•			S		•		•			•	•	S	•	•	S				•		•					
2,4-D ester + Pyraflufen-ethyl	*Blackhawk*	130	4,14								S		•	•		•	•	S		•	•		•		•	•			•			
Dicamba[10,11]	*Engenia, Banvel, Xtendimax, Oracle,.. etc*	179	4								•		•			✓	•	•		•	•			•		✓[5]	TG		TG			
Metalochlor[6]	*Dual II Magnum, Komodo, Metallica*	313	15	•	•	•													•	S													
Ethalfluralin[6]	*Edge MicroActiv*	205	3	•	•	•	S	S	S		•	•	S		S	•	•		S	•		S		S		✓							
Flumioxazin + Pyroxasulfone	*Fierce* brands[6]	218	14,15	•	•				S		•	•	•			•	•	•	•	•	•	•		•		S	•		•				
Carfentrazone + Pyroxasulfone	*Focus*[6]	240	14,15	•	•	•			S		S		•			S	S	S		•					S		•						
Saflufenacil	*Heat* brands	264	14								•		•			•	•	•		•	•				•	•			TG				
Saflufenacil + Pyroxasulfone	*Heat Complete*[6]	269	14,15		•	•			S		•		•			•	•	•		•	•		•	•	•	•[12]	•		TG				
Metribuzin + Trifluralin EC (PPI)[6]	*Sencor, Tricor, Squadron, Buzzin + Treflan*	315	3,5	•	•	•			S		S	•			•		•	•		•				•	•	•	✓[5]						
Metribuzin + Flumioxazin	*IPCO Bifecta EZ*	295	5, 14	•	•	•					•	•	•	•		•	•	•	•	•		•	•	•		S			•				
Trifluralin[6]	*Treflan, Bonanza, Rival*	440	3	•	•	•			S		S	•					•			•							✓[5]						
Tribenuron + Glyphosate	*Express SG* and *Involve 50 WDG* only	434	2								•			•	•		•	•		•	•	•		•	•	•		S	•				
Flumioxazin	*Valtera, Chateau*[5]	450	14		S					✓		•				•	•		•	•	•					•	•		•				
Trifludimoxazin + Saflufenacil	*Voraxor*	460	14								•		•			•	S	•		•			S		•	S							
Trifludimoxazin + Saflufenacil +	*Voraxor Complete*	462	14, 15	•	•	•			S		•		•			•	S	•		•			S		•	S	•						
Pyroxasulfone[6]	*Zidua SC*	463	15	•	•	•			S							S	S			•							•						
POST-EMERGENT																																	**Crop Stage**
Bentazon	*Basagran, Boa, Berserk, Benta Super,etc*	126	6							✓		•	•	•			•	•	•	S	•	S	•	•	•	•		•					All stages - no PHI listed
Clethodim	*Centurion, Select, Arrow, Patron … etc*	158	1	•	•	•	•	•	•																							•	All stages - 75 day PHI
Dicamba[10,11]	*Engenia, Banvel, Xtendimax, Oracle, etc*	179	4							✓	•		•			✓	•	•		•	•			•		✓[5]	TG		TG				Up to R1
Fomesafen + Glyphosate	*Flexstar GT*[1,2]	221	9,14	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	✓	•	•	•	•			V1 to V2
Glufosinate 200 SN[8]	*Liberty 200 SN, Vigor 200 SN*	250	10	•	•	•			•	✓	•	•		•			•	•	•	•	•		•	•	•	•[14]	✓	S		•	S		Up to R1
Bentazon + Acifluorfen	*Hurricane*	273	6,14														S			•	•						•						V1 to V2
Imazamox	*Solo ADV, Davai 80 SL*	277	2	•	•	•	•	•[4]	•		S		S				•	•		•			•	•	•	•[4]							VE to V3
Quizalofop + Imazamox	*Solo Ultra Q*	396	1,2	•	•	•	•	•[5]	•		S		S				•	•		•			•	•	•	•[4]					S		VE to V3
Imazamox + Imazethapyr	*Odyssey NXT, Duet, Quasar*	282	2	•	•		•	•[4]	•		•	•	•		•		S	•		•		•	•	•	•	•[4]							V1 to V3
Imazethapyr	*Pursuit, Phantom*	285	2	•	•		•	•	•		S		S				•	•		•			•	•	•	•[4]							Up to and including V3
Quizalofop + Bentazon	*Boa IQ*	132	1,6	•	•	•	•	•	•	✓		•	•	•			•	•	•	S	•	S	•	•	•	•		•					All stages - 80 day PHI
Quizalofop + Imazamox + Imazethapyr	*Odyssey Ultra Q*	332	1,2	•	•	•	•	•	•		•	•	•		•		S	•		•		•	•	•	•	•[4]					S		V1 to V3
Thifensulfuron	*Pinnacle, Volta*	409	2														•	•		•				•									V1 up to flowering
Sethoxydim	*Poast Ultra*	349	1	•	•	•	•	•	•																							•	All stages - 80 day PHI
Quizalofop	*Assure II, Yuma, Contender, Quiz, Idol, etc*	361	1	•	•	•	•	•	•																							•	All stages - 80 day PHI
Fomesafen[1] + Bentazon	*Reflex + Basagran*[1]	368	6,14							✓				•			•	•	•	S	•		•	•	•	•	✓						V1 to V2
Acifluorfen	*Ultra Blazer*	449	14											•			•	•	•	•	•			•				TG					V1 to V3
Imazamox + Bentazon	*Viper ADV, Python, Boa Pro, Benz*	280	2, 6	•	•	•	•	•[4]	•				S			S	•	•		•		•	•	•	•								VE to V3

1 For use in the Red River Valley of Manitoba only.
2 For use on glyphosate tolerant varieties only.
3 Not all glyphosate products are registered for use on glyphosate tolerant soybeans.
4 Will not control CLEARFIELD varieties.
5 Apply in fall or spring prior to seeding of or up to 3 days after seeding.
6 Control of weeds emerging from seed (not controlled if emerged at application).
7 For in season activity only.
8 For use in Liberty tolerant soybeans only.
9 Will not control glyphosate tolerant varieties.
10 For use on RR Xtend soybean varieties only.
11 Not all dicamba products are registered for use on RR Xtend soybeans.
12 Including glyphosate resistant biotypes.
13 Not including glyphosate resistant biotypes.
14 Will not control LL varieties.
15 For use on Enlist soybean varieties only.
16 Use two applications for best control.

Refer to respective product labels for the most up-to-date information.

• - Control. S - Suppression. TG - Top growth control. ✓ - Control/suppression based on field trials.