

Consult the 2022 Guide to Field Crop Protection or individual product labels for more information.

HERBICIDE (active ingredient, trade name)		Page in Guide to Field Crop Protection	Herbicide Group	SOYBEANS																											
				GRASSES								ANNUAL BROADLEAVES												PERENNIALS							
				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 <sup>2,3</sup>		252	9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Glyphosate + Dicamba	Roundup Xtend <sup>10</sup>	371	4,9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Glyphosate + 2,4-D choline	Enlist Duo <sup>15</sup>	202	4,9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
<b>PRE-PLANT/PRE-EMERGENT</b>																															
Carfentrazone	Aim EC	154	14						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Amitrole	Amitrol 240	105	11						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Sulfentrazone	Authority/Authority Chara <sup>7</sup>	118	14						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Sulfentrazone + Pyroxasulfone	Authority Supreme <sup>7</sup>	118	14,15	*	*	*	*	S	*	*	*	*	*	S	*	*	*	*	S	*	*	*	*	*	*	*	*	*	*		
2,4-D ester + Pyraflufen-ethyl	Blackhawk	137	4,14						S	*	*	*	*	*	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Glyphosate + Carfentrazone	CleanStart	163	9,14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Dicamba <sup>10,11</sup>	Engenia, Banvel, Xtendimax, Oracle... etc	183	4						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	√ <sup>5</sup>	TG	TG				
Metalochlor <sup>6</sup>	Dual II Magnum, Komodo, Metallica	308	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Ethalfuralin <sup>5</sup>	Edge MicroActiv	198	3	*	*	*	S	S	*	*	S	*	*	*	S	*	*	*	S	*	S	*	*	*	√						
Flumioxazin + Pyroxasulfone	Fierce brands <sup>6</sup>	217	14,15	*	*	*	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	S	*	*	*	*	*	*		
Carfentrazone + Pyroxasulfone	Focus <sup>6</sup>	239	14,15	*	*	*	S	S	*	*	*	*	*	S	S	S	*	*	*	*	*	S	*	*	*	*	*	*	*		
Saflufenacil	Heat brands	266	14						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	TG				
Saflufenacil + Pyroxasulfone	Heat Complete <sup>6</sup>	270	14,15	*	*	*	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	√ <sup>12</sup>	TG					
Metribuzin + Trifluralin EC (PPI) <sup>6</sup>	Sencor, Tricor, Squadron, Buzzin + Treflan	310	3,5	*	*	*	S	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	√ <sup>5</sup>						
Trifluralin <sup>6</sup>	Treflan, Bonanza, Rival	422	3	*	*	*	S	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	√ <sup>5</sup>						
Tribenuron + Glyphosate	Express SG and Involve 50 WDG only	417	2						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	S	*	*	*		
Flumioxazin	Valtera, Chateau <sup>5</sup>	432	14		S			√	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Trifludimoxazin + Saflufenacil	Voraxor	441	14						*	*	*	*	*	S	S	*	*	*	*	*	*	S	*	*	*	*	*	*	*		
Pyroxasulfone <sup>6</sup>	Zidua SC	443	15	*	*	*	*	S	*	*	*	*	*	S	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
<b>POST-EMERGENT</b>																															
Bentazon	Basagran, Boa, Berserk, Benta Super, etc	134	6					√	*	*	*	*	*	*	*	S	*	S	*	*	*	*	*	*	*	*	*	*	*		
Clethodim	Centurion, Select, Arrow, Patron ... etc	165	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Dicamba <sup>10,11</sup>	Engenia, Banvel, Xtendimax, Oracle, etc	183	4					√	*	*	*	*	√	*	*	*	*	*	*	*	*	*	*	*	√ <sup>5</sup>	TG	TG				
Fomesafen + Glyphosate	Flexstar GT <sup>1,2</sup>	220	9,14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Glufosinate 200 SN <sup>8</sup>	Liberty 200 SN, Vigor 200 SN	251	10	*	*	*	*	*	√	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	√ <sup>14</sup>	√	S	*	S		
Bentazon + Acifluorfen	Hurricane	274	6,14											S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Imazamox	Solo ADV, Davai 80 SL	278	2	*	*	*	*	*	*	S	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Sethoxydim + Imazamox	Solo Ultra	386	1,2	*	*	*	*	*	S	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	S	*		
Imazamox + Imazethapyr	Odyssey NXT, Duet, Quasar	283	2	*	*	*	*	*	*	*	*	*	*	*	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Imazethapyr	Pursuit, Phantom	285	2	*	*	*	*	*	S	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Quizalofop + Bentazon	Boa IQ	139	1,6	*	*	*	*	*	√	*	*	*	*	*	*	*	S	*	S	*	*	*	*	*	*	*	*	*	*		
Sethoxydim + Imazamox + Imazethapyr	Odyssey Ultra NXT	327	1,2	*	*	*	*	*	*	*	*	*	*	*	S	*	*	*	*	*	*	*	*	*	*	*	*	S	*		
Thifensulfuron	Pinnacle, Volta	398	2						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Sethoxydim	Poast Ultra	342	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Quizalofop	Assure II, Yuma, Contender, Quiz, Idol, etc	353	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Fomesafen <sup>1</sup> + Bentazon	Reflex + Basaaran <sup>1</sup>	360	6,14					√	*	*	*	*	*	*	*	S	*	*	*	*	*	*	*	*	√						
Acifluorfen	Ultra Blazer	430	14						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	TG					
Imazamox + Bentazon	Viper ADV, Python, Boa Pro, Benz	280	2, 6	*	*	*	*	*	*	S	*	*	*	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		

\* - Control. S - Suppression. TG - Top growth control. √ - Control/suppression based on field trials.

Updated 2022

**Crop Stage**

V1 through R1
Up to R2 (full flower)
Up to R1

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

**Crop Stage**

All stages - no PHI listed
All stages - 75 day PHI
Up to R1
V1 to V2
Up to R1
V1 to V2
VE to V3
VE to V3
V1 to V3
Up to and including V3
All stages - 80 day PHI
V1 to V3
V1 up to flowering
All stages - 80 day PHI
All stages - 80 day PHI
V1 to V2
V1 to V3
VE to V3