DRY BEAN

HERBICIDE (active ingredient, *trade name*)		Page in *Guide to Field Crop Protection*	Herbicide Group	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	Ragweeds	Russian Thistle	Shepherd's Purse	Smartweed, Annual	Stinkweed	Volunteer Canola	Velvetleaf	Waterhemp	Canada Thistle	Dandelion	Perennial Sow-thistle	Plantain	Quackgrass
PRE-PLANT/PRE-EMERGENT																																	
Glyphosate		273	9	•	•	•	•	•	•		•	•	•		•	•	•	•		•	•	•	•	•	•	•			•	S			•
Carfentrazone	*Aim EC, Revenge, InStep, IPCO C-Zone*	163	14										•	•		•	•		•	•		•	•		•	•	•	•					
Pelargonic Acid	*Beloukha*	136	26	S								•							•	•			•							S	•	•	
Metolachlor[1, 7]	*Dual II Magnum, Komodo, Metallica*	337	15	•	•	•													•	S								•					
Ethalfluralin	*Edge MicroActiv*[2, 7]	223	3	•	•	•	S	S	S		•	•	S		S	•	•		S	•		S		S				✓					
EPTC	*Eptam Liquid EC*[7]	217	15	•	•	•	•	•	•			•					•		•	•													S
Dimethanamid	*Frontier Max*[2, 7]	265	15		•																												
MCPA Ester + Pyraflufen-ethyl	*GoldWing*	281	4,14								•		•			•	•	S		•					•	•				S			
Halosulfuron	*Permit WG*[5]	369	2									•		•			•	•		•	•		•	•		•[6]	•					•	
Tribenuron + Glyphosate	*Express SG* and *Inovlve 50 WDG* only	471	2,9																							•			S	•			
Trifluralin[7]	*Treflan, Bonanza, Rival*	477	3	•	•	•			S		S	•					•			•								✓					
POST-EMERGENT																																	
Bentazon[5]	*Basagran, Boa, Berserk, Benta Super, Broadloom*	183	6							✓		•	•	•			•	•	•	S	•	S	•	•	•	•			TG				
Clethodim[5]	*Centurion, Select, Arrow, Advantage Clethodim, Independence, Patron, Shadow, Statue, Antler, etc*	174	1	•	•	•	•	•	•																								S
Imazamox	*Davai 80SL* and Venim only	297	2	•	•	•	•		•		S		S				•			•		•	•	•		•[6]							
Imazamox + Imazethapyr	*Quasar* only	302	2	S	•	•	•	•[6]	•		S	•					S	•	•	•				•	•	S[6]							
Imazethapyr[3]	*Pursuit* and *Phantom* only	306	2																•														
Halosulfuron	*Permit WG*[5]	369	2											•				•		•	•		•	•		•[6]	•						
Sethoxydim	*Poast Ultra*[5]	377	1	•	•	•	•	•	•																								•
Quizalofop[5]	*Assure II, Yuma GL, Contender II, Quiz, Idol, Leopard, Elegant 10EC, Marshall*	389	1	•	•	•	•	•	•																								•
Imazamox + Bentazon	*Viper ADV, Python, Boa Pro, Benz*	300	2,6	•	•	•	•	•[6]	•	•[8]	S		S			S	•	•		•		•	•	•	•	•			TG				
Imazamox + Quizalofop	*Davai Q Plus*	305	1, 2	•	•	•	•	•	•		S		S				•			•		•	•	•		•[6]							•
Bentazon + Quizalofop	*Boa IQ*	146	1,6	•	•	•	•	•	•	✓		•	•	•			•	•	•	S	•	S	•	•	•	•			TG				•
Clethodim + Quizalofop	*Select Plus*	415	1	•	•	•	•	•	•																								•
Fomesafen + Bentazon	*Reflex*[4] + *Basagran*	396	6,14											•			S	•	•	•	•		•	•	•	•	•	✓	TG				

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.

[1] Navy, kidney and pinto beans only
[2] Navy and kidney beans only
[3] Pinto, pink and red beans only
[4] For use on navy beans in the Red River Valley of Manitoba. Does not include weeds controlled by Basagran Forté
[5] Not tested for tolerance on all types of dry beans
[6] Not including CLEARFIELD varieties
[7] For contol of the marked weeds when emerging from seed (not controlled if emerged at time of application)
[8] *Python* only
[9] Navy bean only

Crop Stage
After V1
All stages - PHI 60 days
VE to V3
VE to V2
Up to and including V2
V2 to V4
All stages - PHI 80 days
All stages - PHI 30 days
V1 to V2
VE to V2
All stages - PHI 30 days
All stages - PHI 65 days
V1 to V2