

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

Updated 2022

HERBICIDE (active ingredient, trade name)		Page in Guide to Field Crop Protection	Herbicide Group	DRY BEAN																															
				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	Waterthemp	Canada Thistle	Dandelion	Perennial Sow-thistle	Plantain	Quackgrass		
PRE-PLANT/PRE-EMERGENT																																			
Amitrole	Amitrol 240 ⁹	105	11																															¹ Navy, kidney and pinto beans only	
Glyphosate + Carfentrazone	Cleanstart	163	9,14																															² Navy and kidney beans only	
Glyphosate		252	9																														³ Pinto, pink and red beans only		
Carfentrazone	Aim EC, Revenge, InStep, IPCO C-Zone	154	14																														⁴ For use on navy beans in the Red River Valley of Manitoba.		
Pelargonic Acid	Beloukha	132	26	S																													⁵ Does not include weeds controlled by Basagan Forte		
Metolachlor ^{1,7}	Dual II Magnum, Komodo, Metallica	308	15																														⁵ Not tested for tolerance on all types of dry beans		
Ethalfuralin	Edge MicroActiv ^{2,7}	198	3				S	S	S			S				S		S															⁶ Not including CLEARFIELD varieties		
EPTC	Eptam Liquid EC ⁷	204	15																														⁷ For control of the marked weeds when emerging from seed (not controlled if emerged at time of application)		
Dimethanamid	Frontier Max ^{2,7}	245	15																														⁸ Python only		
MCPA Ester + Pyraflufen-ethyl	GoldWing	262	4,14												S																		⁹ Navy bean only		
Halosulfuron	Permit WG ⁵	335	2																																
Tribenuron + Glyphosate	Express SG and Inovive 50 WDG only	417	2,9																																
Trifluralin ⁷	Treflan, Bonanza, Rival	422	3																																
POST-EMERGENT																																			
Bentazon ⁵	Basagan, Boa, Berserk, Benta Super, Broadloom	134	6																									TG						After V1	
Clethodim ⁵	Centurion, Select, Arrow, Advantage Clethodim, Independence, Patron, Shadow, Statue, Antler, etc	165	1																															S	All stages - PHI 60 days
Imazamox	Davai 80SL only	278	2																															VE to V3	
Imazamox + Imazethapyr	Quasar only	283	2	S																														VE to V2	
Imazethapyr ³	Pursuit and Phantom only	285	2																															Up to and including V2	
Halosulfuron	Permit WG ⁵	335	2																															V2 to V4	
Sethoxydim	Poast Ultra ⁵	342	1																															All stages - PHI 80 days	
Quizalofop ⁵	Assure II, Yuma GL, Contender II, Quiz, Idol, Leopard, Elegant 10EC, Marshall	353	1																															All stages - PHI 30 days	
Imazamox + Bentazon	Viper ADV, Python, Boa Pro, Benz	280	2,6																									TG					V1 to V2		
Bentazon + Quizalofop	Boa IQ	139																										TG					All stages - PHI 30 days		
Fomesafen + Bentazon	Reflex ⁴ + Basagan	360	6,14																									✓ TG					V1 to V2		

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

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
All stages - PHI 30 days
V1 to V2