

Pre-seed Herbicide Competitive Comparison.

See how BASF pre-seed herbicides measure up.

Herbicide	BROADLEAF																
	Canada Thistle	Cleavers	Common Chickweed	Dandelion	Flixweed	Green Pigweed	Kochia	Lamb's Quarters	Narrow-Leaved Hawk's Beard	Redroot Pigweed	Round-Leaved Mallow	Russian Thistle	Shepherd's Purse	Stinkweed	Volunteer Canola	Wild Buckwheat	Wild Mustard
Burndown	B																
Residual	R																
Burndown + Residual	BR																
Burndown with Glyphosate	BG																
Burndown with Glyphosate + Residual	BGR																
CANOLA																	
Certitude® herbicide							B	B					B		B		B
Prospect® herbicide		B	B	B	B			B		B			B	B			
Conquer® herbicide								B		B					B		
Conquer® II herbicide								B		B					B		
Pardner® herbicide							B	B		B				B		B	B
Aim® EC herbicide		B			B		B	B		B	B		B	B	B		
Command® 360 ME herbicide		B															
Command® Charge herbicide		B			B		B	B		B	B		B	B	B		
CEREALS																	
Smoulder® herbicide		B					B	B	B	B	B			B	BR	B	B
Heat® LQ herbicide+		B					B	B	B		B			B	B	B	B
Heat LQ herbicide++		BR					B	B	B		BR			BR	BR	BR	BR
Voraxor® herbicide+		B					B	B	B	B	B	B	B	B	B	B	B
Voraxor herbicide++		BR					BR	BR	B	BR	B	B	B	BR	BR	BR	BR
Aim® EC herbicide		B			B		B	B		B	B		B	B	B		
BlackHawk® herbicide		B		B	B		B	B	B	B			B	B	B	B	B
GoldWing® herbicide		B		B	B		B	B	B	B	B			B	B	B	B
Intruvix™ herbicide								B		B							
ThunderHawk™ herbicide		B		B	B		B	B	B	B			B	B	B	B	B
Express® SG herbicide	BG			BG	BG		BG	BG	BG	BG			BG	BG	BG	BG	BG
Express® PRO herbicide	BG	BGR		BGR	BG		BG	BG	BGR	BG			BG	BGR	BG	BG	BG
Korrex® II herbicide	BG	BG		BG	BG		BG	BG	BG	BG			BG	BG	BG	BG	BG
Paradigm® PRE herbicide		B	B		B			B	B	B	B		B	B	B	B	B
PrePass® XC herbicide		B		B	B		B	B	B	B			B	B	B	B	B
PULSES*																	
Voraxor herbicide+		B					B	B	B	B	B	B	B	B	B	B	B
Voraxor herbicide++**		BR					BR	BR	B	BR	B	B	B	BR	BR	BR	BR
Voraxor Complete herbicide+		BR	BR				BR	BR	B	BR	B	B	BR	BR	BR	BR	BR
Voraxor Complete herbicide++		BR	BR				BR	BR	B	BR	BR	B	BR	BR	BR	BR	BR
Heat LQ herbicide+		B					B	B	B		B			B	B	B	B
Heat LQ herbicide++		BR					B	B	B		BR			BR	BR	BR	BR
Aim® EC herbicide		B			B		B	B		B	B		B		B		
GoldWing® herbicide		B		B	B		B	B	B	B			B	B	B	B	B
Focus® herbicide+		R				R	R	BR		BR			R		R		
Focus® herbicide++		BR			B	R	BR	BR		BR	B	B	B	BR	B	BR	BR
Authority® 480 herbicide		R					R	R		R		R				R	
Valtera™ herbicide+		R	R	R		R	R	R		R				R	R		
Valtera™ herbicide++		R	R	R		R	R	R		R				R	R		

GRASSY											
Barnyard Grass	Downy Brome Grass	Foxtail (Green, Yellow)	Foxtail (Giant)	Foxtail Barley	Italian Ryegrass	Japanese Brome Grass	Large Crabgrass	Quackgrass	Wild Oats	Yellow Nutsedge	
R	R	R				R				R	
R	R	R				R				R	
R	R	R	R	R	R	R	R			R	
R	R	R	R	R	R	R	R			R	
							R				
		R									
		R									

* NOTE: Product comparisons do not include glyphosate, unless the product has no weeds listed on label without glyphosate. In this case they are marked with BG and BGR.

Voraxor herbicide+ = low rate (48 – 72 ml/ha)
Voraxor herbicide++ = high rate (100 – 144 ml/ha)

Voraxor Complete herbicide+ (48 ml/ha Voraxor, 120 ml/ha Zidua® SC herbicide)
Voraxor Complete herbicide++ (100 ml/ha Voraxor, 240 ml/ha Zidua SC)

Heat LQ herbicide+ = low rate (53 ml/ha)
Heat LQ herbicide++ = high rate (106 – 146 ml/ha)

Focus® herbicide+ = low rate (224 ml/ha)
Focus® herbicide++ = high rate (280 – 336 ml/ha)

Valtera™ herbicide+ = low rate (149 – 224 ml/ha)
Valtera™ herbicide++ = high rate (298 – 448 ml/ha)

** Not registered ahead of lentils.

It is recommended that all BASF products are tank mixed with glyphosate.

	ACTIVE INGREDIENT	HERBICIDE GROUP	FORMULATION	ACRES TREATED PER CASE Check product labels for crop-specific rates.
CANOLA				
Certitude herbicide	Bromoxynil	6	Emulsifiable concentrate	40
	Topramezone	27	Suspension concentrate	
Prospect® herbicide	Halauxifen	4	Emulsifiable concentrate	160
	Carfentrazone-ethyl	14		
Conquer® herbicide	Carfentrazone-ethyl	14	Emulsifiable concentrate	80
	Bromoxynil	6		
Conquer® II herbicide	Pyraflufen-ethyl	14	Emulsifiable concentrate	160
	Bromoxynil	6		
Pardner® herbicide	Bromoxynil	6	Emulsifiable concentrate	20
Aim® EC herbicide	Carfentrazone-ethyl	14	Emulsifiable concentrate	40 – 320*
Command® 360 ME herbicide	Clomazone	13	Microcapsule suspension	80
Command® Charge herbicide	Clomazone	13	Microcapsule suspension	80
	Carfentrazone-ethyl	14	Emulsifiable concentrate	

CEREALS				
Smoulder herbicide	Saflufenacil	14	Water dispersible granules	80
	Metsulfuron-methyl	2		
Heat LQ herbicide	Saflufenacil	14	Suspension concentrate	30 - 80
Voraxor herbicide	Trifludimoxazin	14	Suspension concentrate	27 – 80
	Saflufenacil	14		
Aim® EC herbicide	Carfentrazone-ethyl	14	Emulsifiable concentrate	40 – 320*
BlackHawk® herbicide	Pyraflufen-ethyl	14	Emulsifiable concentrate	60
	2, 4-D ester	4		
GoldWing® herbicide	Pyraflufen-ethyl	14	Emulsifiable concentrate	160
	MCPA ester	4		
Intruvix™ herbicide	Dicamba	4	Wettable granules	80
	Tribenuron methyl	2		
	Carfentrazone-ethyl	14	Emulsifiable concentrate	
ThunderHawk™ herbicide	Pyraflufen-ethyl	14	Emulsifiable concentrate	80
	MCPA ester	4		
	Florasulam	2	Suspension concentrate	
PrePass® XC herbicide	Florasulam	2	Suspension concentrate	40
	Glyphosate (dimethylamine salt)	2	Solution	
Express® SG herbicide	Tribenuron-methyl	2	Soluble granules	40
Express® PRO herbicide	Tribenuron-methyl	2	Soluble granules	80
	Metsulfuron-methyl	2		
Korrex® II herbicide	Florasulam	2	Water dispersible granules	80
	Dicamba	4	Solution	
Paradigm® pre-seed herbicide	Halauxifen	4	Wettable granules	320
	Florasulam	2		

PULSES				
Voraxor herbicide	Trifludimoxazin	14	Suspension concentrate	27 – 80 (80 ac/case for lentils)
	Saflufenacil	14		
Heat LQ herbicide	Saflufenacil	14	Suspension concentrate	30 – 80 (80 ac/case for lentils)
Aim® EC herbicide	Carfentrazone-ethyl	14	Emulsifiable concentrate	40 - 320*
GoldWing® herbicide	Pyraflufen-ethyl	14	Emulsifiable concentrate	160
	MCPA ester	4		
Focus® herbicide	Pyroxasulfone	15	Suspension emulsion	132 – 200
	Carfentrazone-ethyl	14		
Voraxor Complete herbicide	Trifludimoxazin	14	Suspension concentrate	40 – 80 (80 ac/case for lentils)
	Saflufenacil	14		
	Pyroxasulfone	15		
Authority® brand herbicides	Sulfentrazone	14	Suspension concentrate flowable	32 – 43
Valtera™ herbicide	Flumioxazin	14	Water dispersible granules	106 – 160

* For standard burnoff, apply product at 15 ml/ac. A 1.2 L jug will treat 80 acres, a 2.0 L jug will treat 133 acres and a 4.8 L jug will treat 320 acres.



For more information, contact your BASF **AgSolutions®** Grower or Retail Representative or call **AgSolutions** Customer Care at 1-877-371-BASF (2273).

Always read and follow label directions.

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