

REGIONAL HERBICIDE RECOMMENDATIONS

Colorado, Kansas and Nebraska

As weeds continue to develop resistance to glyphosate and other herbicides, growers have to modify and diversify their weed management programs. Resistance Fighter[®] from Syngenta provides education, a comprehensive herbicide portfolio and local recommendations that help growers and retailers effectively manage resistant weeds in their specific area.

CORN (GLYPHOSATE TOLERANT) *Problem weeds: pigweed species, horseweed/marestail, kochia, Russian thistle*

Early spring application before winter annuals emerge	At-planting or pre-emergence	In-crop	
Gramoxone SL [®] 2.0 + 2,4-D or Dicamba* at label recommended rates and timing OR Glyphosate + AAtrex [®] + Dicamba* at label recommended rates and timing	Bicep II Magnum [®] 1.5 to 2.1 qt/A + Gramoxone SL 2.0 ² 2.5 to 4 pt/A + NIS or COC	Hallex [®] GT 3.6 to 4 pt/A + AAtrex ³ 4L 1 to 1.5 qt/A	
	OR		
	Lumax [®] EZ 1.5 qt OR Lexar [®] EZ 1.75 qt/A + Gramoxone SL 2.0 ² 2.5 to 4 pt/A + NIS or COC		
	OR		
	Acuron ^{®1} 1.5 qt/A + Dicamba* ² 6 oz/A + MSO		
	OR		
	Acuron ¹ 1.25 qt/A + Dicamba* ² 6 oz/A + MSO		Acuron ¹ 1.25 qt/A + Dicamba* ³
	OR		
Acuron 2.5 qt/A + AAtrex 0.5-1 qt/A + Dicamba* ² 6 oz/A + MSO Pre/NIS early post ³			
OR			
Acuron ¹ 1.5 qt/A + Gramoxone SL 2.0 ² 2 to 4 pt/A	Acuron ³ 1.25 qt/A		

*Please refer to specific dicamba product labels for tank mix and use restrictions.

CORN (CONVENTIONAL) *Problem weeds: pigweed species, horseweed/marestail, kochia, Russian thistle*

Burndown or early spring application	At-planting or pre-emergence	In-crop ⁴
Gramoxone SL 2.0 3 pt/A + (2,4-D OR Dicamba*) Follow 2,4-D and Dicamba rate and pre-plant restrictions	Lexar EZ ² 3 qts/A OR Bicep II Magnum 2.1 qts/A + Gramoxone SL 2.0 ^{5,6} 2 to 4 pts/A	Callisto [®] Xtra 20-24 oz/A ³
	OR	
	Acuron ² 1.5 qt OR Lexar EZ 3.5 pt/A + Gramoxone SL 2.0 ^{5,6} 2 to 4 pt/A	Dual II Magnum [®] 1 pt + Callisto + 3 oz/A ³
	OR	
	Acuron ² 1.5 qt/A + Gramoxone SL 2.0 ^{5,6} 2 to 4 pt/A	Acuron 1.5 qts/A ³
	OR	
	Acuron 2.5 qt/A + AAtrex 0.5-1 qt/A + Gramoxone SL 2.0 ^{5,6} 2 to 4 pt/A	As needed ³
OR		
Acuron Flexi ¹ 1.25 qt/A + Sharpen [®] 1 oz/A	Dual [®] 1 pt + Callisto + 3 oz/A ³	

*Please refer to specific dicamba product labels for tank mix and use restrictions.

¹Add 8 to 24 oz AAtrex 4L if needed (follow label guidelines). ²Gramoxone 2.0, or Dicamba, 2,4-d, or Sharpen selected based on local weed species and recommendations. ³Check with your local Syngenta representative or retailer for correct adjuvants. ⁴All in-crop applications will need a grass tank mix partner if there is any emerged grass. ⁵Substitute 1 oz Sharpen (marestail) or 6 oz Dicamba (kochia/Russian thistle) optional. ⁶As needed and may be substituted with a combination of Sharpen at 1 oz/A and glyphosate when grass is present.

GRAIN SORGHUM Problem weeds: pigweed species, horseweed/marestail, kochia, Russian thistle

Burndown or early spring application	Pre-plant to at planting	In-crop ¹ (As needed)
Gramoxone SL 2.0 + (2,4-D ⁶ OR Dicamba*)	Bicep II Magnum 2.1 qt/A + Gramoxone SL 2.0 ²	Dicamba ⁵ 2 to 6 oz/A + AAtrex ⁵ 1 to 2 pt/A ⁷
	OR	
	Lexar EZ ³ 3 qts/A + Gramoxone SL 2.0 ²	
	OR	
	Lumax EZ ³ 2.5 qts/A + Gramoxone SL 2.0 ²	
	OR	
	Lexar EZ ⁴ 1.5 qts/A	

*Please refer to specific dicamba product labels for tank mix and use restrictions.

SOYBEAN (GLYPHOSATE TOLERANT) Problem weeds: pigweed species, horseweed/marestail, kochia, Russian thistle

Early burndown	Burndown at planting	At-planting or pre-emergence	In-crop	
Glyphosate OR Gramoxone SL 2.0 + 2,4-D ⁶ and/or Dicamba ¹ or Metribuzin + 2,4-D ⁶ and/or Dicamba*	Glyphosate OR Gramoxone	Boundary ⁸ 1.5 to 2 pt/A	Sequence ⁸ 2.5 to 3 pt/A OR Dual Magnum ⁸ 1pt/A + Flexstar ⁸ GT 3.5 3.5 pt/A ⁷	
		OR		
		Glyphosate OR Gramoxone + Metribuzin ⁹	BroadAxe ⁸ XC 25 fl oz/A	Sequence 2 to 3 pts OR Dual Magnum 1pt/A + Flexstar GT 3.5 3.5 pt/A ⁷
			OR	Flexstar GT 3.5 3.5 pt/A ⁷
			OR	
			Prefix ^{8B} 2 pt/A	Glyphosate ⁷ + Additional mode of action if needed
			OR	
			BroadAxe XC 25 fl oz/A	Glyphosate ⁷ + Additional mode of action if needed
			OR	
		Glyphosate OR Gramoxone	Boundary 2 pt/A	Sequence 2 to 3 pts OR Dual Magnum 1pt/A + Additional mode of action if needed

*Please refer to specific dicamba product labels for tank mix and use restrictions.

SOYBEAN (LIBERTYLINK[®]) Problem weeds: pigweed species, horseweed/marestail, kochia, Russian thistle

Early burndown	Burndown at planting	At-planting or pre-emergence	In-crop	
Glyphosate OR Gramoxone SL 2.0 + 2,4-D ¹ and/or Dicamba ¹ or Metribuzin [®] + 2,4-D ¹ and/or Dicamba* ¹	Glyphosate OR Gramoxone	Boundary 1.5 to 2 pt/A	Liberty [®] 29 fl oz/A + Flexstar 16 oz ⁴	
		OR		
		Glyphosate OR Gramoxone + Metribuzin ³	BroadAxe XC 25 fl oz/A	Liberty 29 fl oz/A + Dual II Magnum 1 to 1.2 pts/A OR Prefix 2 pt/A ⁴
			OR	Liberty 29 fl oz/A + Flexstar 16 oz ⁴
			OR	
			Prefix ² 2 pt/A	Liberty 29 fl oz/A + Additional mode of action if needed
			OR	
			BroadAxe XC 25 fl oz/A	Liberty 29 fl oz/A + Additional mode of action if needed

*Please refer to specific dicamba product labels for tank mix and use restrictions.

¹Western Kansas post-emergence applications have limited performance, best solution is preplant + pre-emergence applications. ²Use burndown as needed. Substitute Sharpen for marestail, or Sharpen and glyphosate if grass is present. ³Add 8 to 24 oz of AAtrex 4L if needed (follow label guidelines). ⁴Split preplant/planting time: substitute Lumax (1.25/1.45 qt/A) or Bicep II Magnum (0.75/0.75 qt/A). ⁵As needed. ⁶Follow use rate and preplant restrictions. ⁷Check with your local Syngenta representative or retailer for correct adjuvants. ⁸At planting or early post-emergence. ⁹Follow the metribuzin label for rates and timings.



Resistance Fighter[®]

syngenta[®]



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