

REGIONAL HERBICIDE RECOMMENDATIONS

Louisiana and Mississippi

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, morningglory, Italian ryegrass*

Burndown	At-planting or pre-emergence	In-crop
Gramoxone® SL 2.0 3 pt/A + (2,4-D OR Dicamba*)	Bicep II Magnum® 1.5 qt/A + Gramoxone SL 2.0 ¹ 40 to 48 fl oz/A	Halex® GT 3.6 pt/A + AAtrex® 4L 1 to 1.5 qt/A ²
	OR	
	Lexar® EZ 1.5 qt/A + Gramoxone SL 2.0 ¹ 40 to 48 fl oz/A	Halex GT 3.6 pt/A + AAtrex 4L 1 to 1.5 qt/A ²
	OR	
	Lexar EZ 1.5 qt/A + Gramoxone SL 2.0 ¹ 40 to 48 fl oz/A	Lexar EZ 1.5 qt/A + Glyphosate 30 fl oz/A ²
OR		
	Acuron® 1.5 qt/A + Gramoxone SL 2.0 ¹ 40 to 48 fl oz/A	Halex GT 3.6 pt/A + AAtrex 4L 1 to 1.5 qt/A ²

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

COTTON (GLYPHOSATE TOLERANT) *Problem weeds: Palmer amaranth, morningglory, horseweed/marestail, banyard grass, hemp sesbania, Italian ryegrass*

Fall application	Early burndown	Early preplant (2 to 3 weeks)	At-planting	Post-emergence (1 to 4 leaf)	Post-emergence (8 to 10 leaf)	Lay-by
Dual Magnum® 1 to 1.33 pt/A + Envoke® 0.1 oz/A + Gramoxone SL 2.0 40 to 48 fl oz/A	(Dicamba* OR 2,4-D) + (Glyphosate 28 fl oz/A OR Gramoxone SL 2.0 40 to 48 fl oz/A)	Reflex® 1 pt/A + Gramoxone SL 2.0 40 to 48 fl oz/A	Caparol® 4L 1.5 to 2 pt/A	Sequence® 2.5 pt/A	Envoke 0.15 oz/A + Glyphosate 24 to 28 fl oz/A	(Caparol 1.6 to 2 pt/A + Envoke 0.15 to 0.2 oz/A + MSMA) OR (Valor® + MSMA) OR (Caparol 2 pt/A + Sequence 3 pt/A)
			Cotoran® 4L 2 pt/A	Hooded application: Gramoxone SL 2.0 32 fl oz/A + tank mix partner		

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

¹If needed. ²Check with your local Syngenta representative or retailer for correct adjuvants.

COTTON (LIBERTYLINK®) Problem weeds: Palmer amaranth, morningglory, horseweed/marestail, barnyardgrass, hemp sesbania, Italian ryegrass

Fall application	Early burndown	Early preplant (2 to 3 weeks)	At-planting	Post-emergence (1 to 4 leaf)	Post-emergence (8 to 10 leaf)	Lay-by
Dual Magnum 1 to 1.67 pt/A + Envoke 0.1 oz/A + Gramoxone SL 2.0 40 to 48 fl oz/A	(Dicamba* OR 2,4-D) + (Glyphosate 28 fl oz/A OR Gramoxone SL 2.0 40 to 48 fl oz/A)	Reflex 1 pt/A + Gramoxone SL 2.0 40 to 48 fl oz/A	Caparol 4L 1.5 to 2 pt/A	Dual Magnum 1 pt/A + Liberty® 29 fl oz/A	Envoke 0.15 oz/A	(Caparol 1.6 to 2 pt/A + Envoke 0.15 to 0.2 oz/A + MSMA) OR (Valor + MSMA)
OR						
			Cotoran 4L 2 pt/A	Hooded application: Gramoxone SL 2.0 32 fl oz/A + tank mix partner		

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

SOYBEAN (GLYPHOSATE TOLERANT) Problem weeds: pigweed species, horseweed/marestail, morningglory, Italian ryegrass

Fall application	Burndown	At-planting or pre-emergence	In-crop (14-21 days following pre-emerge application)	Late-season	Harvest aid
Gramoxone SL 2.0 40 to 48 fl oz/A + Boundary® 2 pt/A	Gramoxone SL 2.0 40 to 48 fl oz/A	Boundary 1.5 to 2 pt/A + Gramoxone SL 2.0* 40 to 48 fl oz/A	Prefix® 2 pt/A + (Glyphosate 30 fl oz/A OR Flexstar® GT 3.5 3.5 to 5.3 pt/A)	Glyphosate	Gramoxone SL 2.0 16 fl oz/A Apply when seeds have reached physiological maturity
		OR			
		Prefix 2 pt/A + Gramoxone SL 2.0* 40 to 48 fl oz/A	Sequence 2.5 to 3 pt/A		
		OR			
		(Sequence 2.5 pt/A OR Dual Magnum 1 to 1.3 pt/A) + Gramoxone SL 2.0¹ 40 to 48 fl oz/A	Prefix 2 pt/A + (Glyphosate 30 fl oz/A OR Flexstar GT 3.5 3.5 to 5.3 pt/A)		
		BroadAxe® XC 19 to 25 ozs/A + Gramoxone SL 2.0¹ 40 to 48 fl oz/A	Prefix 2 pt/A + (Glyphosate 30 fl oz/A OR Flexstar GT 3.5 3.5 to 5.3 pt/A)		

SOYBEAN (LIBERTYLINK) Problem weeds: pigweed species, horseweed/marestail, morningglory, Italian ryegrass

Fall application	Burndown	At-planting or pre-emergence	In-crop (14-21 days following pre-emerge application)	Late-season	Harvest aid
Gramoxone SL 2.0 40 to 48 fl oz/A + Boundary 2 pt/A	Gramoxone SL 2.0 40 to 48 fl oz/A	Prefix 2 pt/A	Dual Magnum 1 pt/A + Liberty 29 fl oz/A	Liberty 29 fl oz/A	Gramoxone SL 2.0 16 fl oz/A Apply when seeds have reached physiological maturity
		OR			
		Boundary 1.5 to 2 pt/A	Dual Magnum 1 pt/A + Liberty 29 to 36 fl oz/A		
		OR			
		BroadAxe XC 19 to 25 fl oz/A			

GRAIN SORGHUM (CONCEP® TREATED) Problem weeds: pigweed species, horseweed/marestail, morningglory, annual grass weeds

Burndown	At-planting or pre-emergence	In-crop	Harvest aid
Gramoxone SL 2.0 40 to 48 fl oz/A + (2,4-D or Dicamba*)	Bicep II Magnum 1.5 qt/A + Gramoxone SL 2.0¹ 40 to 48 fl oz/A	Peak® 0.5 to 1 oz/A + AAtrex 4L 1 to 1.5 qt/A + COC	Glyphosate 24 to 32 fl oz/A Apply when grain moisture is < 30%
	OR		
	Lexar EZ 2 to 2.5 qt/A + Gramoxone SL 2.0¹ 40 to 48 fl oz/A	Facet® L 22 to 32 oz/A + AAtrex 4L 1 to 1.5 qt/A + COC	
	OR		
	Sequence 2.5 to 3 pt/A + Gramoxone SL 2.0¹ 40 to 48 fl oz/A	Huskie® 12.8 to 16 fl oz/A + AAtrex 4L 1 to 1.5 qt/A + NIS + AMS	
	OR		
		Dual Magnum 1 to 1.33 pt/A + Gramoxone SL 2.0¹ 40 to 48 fl oz/A	AAtrex 4L 1 to 1.5 qt/A + COC

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

PEANUT Problem weeds: pigweed species, horseweed/marestail, morningglory, annual grass weeds

Burndown	At-planting or pre-emergence	In-crop	
Gramoxone SL 2.0 40 fl oz/A + (2,4-D or Dicamba*)	Dual Magnum 1 to 1.33 pt/A + Valor 2 to 3 oz/A + Gramoxone SL 2.0¹ 40 to 48 oz/A	Dual Magnum 1 pt/A + Basagran® .5 to 1 pt/A + Gramoxone 12 oz/A + NIS	
	OR		
	Prowl® H2O 1.5 to 2 pt/A + Valor 2 to 3 oz/A + Gramoxone SL 2.0¹ 40 to 48 oz/A	Dual Magnum 1 pt/A + 2-4DB 1 pt/A + Blazer® 4L 1 pt/A + NIS	
	OR		
		Sequence 2.5 to 3 pt/A + Gramoxone SL 2.0¹ 40 to 48 oz/A	Dual Magnum 1 pt/A + Cadre® 4 oz/A + NIS

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¹If needed.



Resistance Fighter®

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