

REGIONAL HERBICIDE RECOMMENDATIONS

Mid-South

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 40 fl oz/A + (2,4-D OR Dicamba*) <i>Follow 2,4-D and Dicamba rate and preplant restrictions</i>	Bicep II Magnum [®] 1.3 to 1.6 qt/A + Gramoxone SL 2.0 ¹ 40 fl oz/A	Halex [®] GT 3.6 to 4 pt/A + AAtrex [®] 4L 1 to 2 qt/A ²
	OR	
	(Acuron [®] 1.25 qt/A + AAtrex 4L 1 qt/A) + Gramoxone SL 2.0 ¹ 40 fl oz/A	Halex GT 3.6 to 4 pt/A + AAtrex 4L 1 to 2 qt/A ²
	OR	
	(Acuron 2.5 qt/A + AAtrex 4L 1 to 2 qt/A) + Gramoxone SL 2.0 ¹ 40 fl oz/A	

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

COTTON (GLYPHOSATE TOLERANT) *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 fl oz/A	(Dicamba* OR 2,4-D) <i>Follow rate and preplant restrictions</i> + (Glyphosate 30 fl oz/A OR Gramoxone SL 2.0 40 fl oz/A)	Reflex [®] 1 pt/A + Gramoxone SL 2.0 40 fl oz/A	Caparol [®] 4L 1.5 to 2 pt/A	Sequence [®] 2.5 pt/A	Envoke 0.15 oz/A + Glyphosate 24 fl 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.

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 fl oz/A	(Dicamba* OR 2,4-D) Follow rate and preplant restrictions + (Glyphosate OR Gramoxone SL 2.0 40 fl oz/A)	Reflex 1 pt/A + Gramoxone SL 2.0 40 fl oz/A	Caparol 4L 1.5 to 2 pt/A OR Cotoran 4L 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)
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

Early burndown	Burndown	At-planting or Pre-emergence	In-crop	Late-season	Harvest aid
(Glyphosate OR Gramoxone SL 2.0 40 fl oz/A) + (2,4-D OR Dicamba*) Follow rate and preplant restrictions	Gramoxone SL 2.0 40 fl oz/A	Boundary® 1.5 to 2 pt/A + Gramoxone SL 2.0* 40 fl oz/A OR BroadAxe® XC 19 to 25 oz/A + Gramoxone SL 2.0 ¹ 40 fl oz/A OR (Sequence 2.5 to 3.0 pt/A OR Dual Magnum 1 to 1.3 pt/A) + Gramoxone SL 2.0 ¹ 40 fl oz/A	(Prefix® 2 to 2.33 pt/A + Glyphosate 30 fl oz/A) OR Flexstar® GT 3.5 3.5 pt/A OR (Prefix 2 to 2.33 pt/A + Glyphosate 30 fl oz/A) OR Flexstar GT 3.5 3.5 pt/A	Glyphosate	Gramoxone SL 2.0 16 fl oz/A Apply when seeds have reached physiological maturity

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

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

Early burndown	Burndown	At-planting or pre-emergence	In-crop	Late-season	Harvest aid
(Glyphosate OR Gramoxone SL 2.0 40 fl oz/A) + (2,4-D OR Dicamba*) Follow rate and preplant restrictions	Gramoxone SL 2.0 40 fl oz/A	Prefix 2 to 2.33 pt/A + Gramoxone SL 2.0 40 fl oz/A OR Boundary 1.5 to 2.0 pt/A + Gramoxone SL 2.0 40 fl oz/A OR BroadAxe XC 19 to 25 oz/A + Gramoxone SL 2.0 40 fl oz/A	Dual Magnum 1 pt/A + Liberty 29 fl oz/A OR (Prefix 2 pt/A OR Dual Magnum 1 pt/A) + Liberty 29 fl oz/A OR (Prefix 2 pt/A OR 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

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

¹If needed.



Resistance Fighter®

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