

REGIONAL HERBICIDE RECOMMENDATIONS

North Carolina, South Carolina and Virginia

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*)	Bicep II Magnum [®] 1.5 qt/A	Halex [®] GT 3.6 pt/A + AAtrex [®] 4L 1 to 1.5 qt/A ¹
	OR	
	Lexar [®] EZ 1.5 qt/A	Halex GT 3.6 pt/A + AAtrex 4L 1 to 1.5 qt/A ¹
		OR
		Lexar EZ 1.5 qt/A ¹
	OR	
Acuron [®] 2 to 3 qt/A	Glyphosate 22 fl oz/A + AAtrex 4L 1 qt/A ¹	

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

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

Early burndown	Preplant (2 weeks to at-planting)	At-planting	Post-emergence (1 to 4 leaf)	Post-emergence (8 to 10 leaf)	Lay-by
(Dicamba* OR 2,4-D) + (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 to 1.5 pt/A	Sequence [®] 2.5 pt/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.

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

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

Early burndown	Preplant (2 weeks to at-planting)	At-planting	Post-emergence (1 to 4 leaf)	Post-emergence (8 to 10 leaf)	Lay-by
(Dicamba* OR 2,4-D) + (Glyphosate OR Gramoxone SL 2.0 40 fl oz/A)	Reflex ² 1 pt/A + Gramoxone SL 2.0 40 fl oz/A	Caparol 4L 1 to 1.5 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

Burndown	At-planting or pre-emergence	In-crop	Late-season	Harvest aid
Gramoxone SL 2.0 40 fl oz/A	Boundary® 1.5 to 2 pt/A	Flexstar® GT 3.5 3.5 to 5.2 pt/A	Glyphosate 24 fl oz/A	Gramoxone SL 2.0 16 fl oz/A Apply when seeds have reached physiological maturity
	OR			
	Prefix® 2 pt/A	Sequence 2.5 pt/A		
	OR			
	Sequence 2.5 pt/A	Flexstar GT 3.5 3.5 to 5.2 pt/A		
	BroadAxe® XC 1.25 to 1.5 pts/A	Flexstar GT 3.5 3.5 to 5.2 pt/A		

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

Burndown	At-planting or pre-emergence	In-crop	Late-season	Harvest aid
Gramoxone SL 2.0 40 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			

²Reflex may be applied as a pre-emergence treatment to coarse-textured soils only.



Resistance Fighter®

syngenta®



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