

REGIONAL HERBICIDE RECOMMENDATIONS

Mid-Atlantic

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*)	Acuron [®] 2.5 to 3 qt/A + AAtrex [®] 4L 1 to 1.5 qt/A	Glyphosate 24 fl oz/A ¹
	OR	
	Acuron Flexi 2.25 qt/A + AAtrex 4L 1 to 1.5 qt/A	Halex [®] GT 3.6 pt/A + AAtrex 4L 1 to 1.5 qt/A ¹
	OR	
	Lumax [®] EZ 1.5 to 3 qt/A + AAtrex 4L 1 qt/A	Halex GT 3.6 pt/A + AAtrex 4L 1 to 1.5 qt/A ¹
	OR	
	Lexar [®] EZ 1.5 qt/A + AAtrex 4L 1 qt/A	Lexar EZ 1.5 qt/A ¹
	OR	
	Bicep II Magnum [®] 1.5 qt/A + AAtrex 4L 1 qt/A	Halex GT 3.6 pt/A + AAtrex 4L 1 to 1.5 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, barnyardgrass, hemp sesbania, Italian ryegrass*

Early burndown	Early preplant (2 to 3 weeks)	At-planting or behind planter	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)	Gramoxone SL 2.0 40 fl oz/A + Reflex [®] 1 pt/A	Caparol [®] 4L 1.5 to 2 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)
As needed					
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	Early preplant (2 to 3 weeks)	At-planting or behind planter	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)	Gramoxone SL 2.0 40 fl oz/A + Reflex 1 pt/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)
As needed					
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 + 2,4-D	Boundary® 1.5 to 2 pt/A	Flexstar® GT 3.5 3.5 pt/A	Glyphosate	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			
	BroadAxe® XC 20 to 25 fl oz/A ²	Flexstar GT 3.5 3.5 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 22 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	Prefix 2 pt/A + Liberty 29 fl oz/A		
	OR			
	BroadAxe XC 20 to 25 fl oz/A	Dual Magnum 1 pt/A + Liberty 29 fl oz/A		

²Areas where marestail is the primary weed concern, add Metribuzin 0.2 to 0.4 lb ai/A with BroadAxe XC application.



Resistance Fighter®

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