

WEED RESPONSE RATINGS FOR COTTON HERBICIDES

(See Explanation of Rating Tables on Page 3)

HERBICIDES	MODE OF ACTION	GRASSES									BROADLEAVES															SEDGES				
		Barnyardgrass	Bermudagrass	Broadleaf Signalgrass	Crabgrass	Fall Panicum	Foxtail	Goosegrass	Rhizome Johnsongrass	Seedling Johnsongrass	Bigroot Morningglory	Cocklebur	Common Ragweed	Entireleaf Morningglory	Hophornbeam Copperleaf	Lambsquarters	Palmer Amaranth	Pitted Morningglory	Prickly Sida (Teaweed)	Purslane	Redvine	Sicklepod	Smartweed	Spotted Spurge	Spurred Anoda	Velvetleaf (Wild Cotton)	Flatsedges	Yellow Nutsedge	Crop Tolerance G – Good F – Fair	
Preplant																														
Treflan or Prowl	3	9	0	9	9	9	9	9	6	3	9	0	0	3	2	0	8	6	2	0	9	0	0	2	2	0	2	3	0	G
Treflan + Cotoran/Meturon	3, 7	9	0	9	9	9	9	9	9	3	9	0	7	9	7	9	9	9	7	7	9	0	6	7	3	6	5	9	0	G
Reflex	14	6	0	6	6	6	6	6	6	4	6	0	-	-	6	-	-	10	6	-	-	0	0	-	-	-	-	-	7	G
Preemergence																														
Staple LX	2	6	0	6	6	-	6	6	2	7	0	-	4	8	0	-	6	8	9	-	0	4	7	9	8	8	-	5	G	
Staple LX + Cotoran	2, 7	7	0	8	9	8	8	8	0	7	0	8	9	8	9	9	8	8	9	9	0	6	7	9	8	8	9	5	G	
Cotoran	7	8	0	8	9	9	8	8	0	7	0	8	9	8	9	9	8	8	8	9	0	6	7	6	7	6	9	0	G	
Direx	7	9	0	9	9	9	9	9	0	7	0	7	8	8	9	9	8	8	7	9	0	5	7	6	6	5	9	0	G	
Braze + Cotoran	12, 7	9	0	9	9	9	8	9	2	9	-	8	9	8	9	9	9.5	9	9	9	0	6	7	6	7	6	9	3	G	
Postemergence (over-the-top)																														
Assure II	1	8	8	9	9	9	9	9	9	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	G
Fusilade DX	1	7	9	8	7	9	8	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	G
Poast Plus	1	8	7	9	9	9.5	8.5	9	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	G
Select	1	8	8	9	9	9	9	9	9	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	G
Envoke	2	7	0	5	5	-	-	6	1	5	-	-	-	9	-	-	5	9	2	-	-	9	-	-	5	9	9	9	F/G	
Staple LX	2	2	0	2	2	2	2	2	2	6	-	8	4	9	0	0	5	8.5	7	-	-	6	8.5	6	9	9	7	6	G	
Enlist One	4	0	0	0	0	0	0	0	0	0	3	9	9	9	8	9	9	9	8	9	-	8	5	8	8	8	0	0	G	
Glyphosate ¹	9	9	6	10	10	10	10	10	10	10	7	10	9	8	8	9	10 ¹	8	8	10	6	8	7	8	7	8	8	5	G	
Glyphosate + Envoke	9, 2	9	6	10	9	10	10	10	10	10	8	9	9	9.5	8	9	6	9.5	8	10	5	9	8.5	8	9	9	9	8	G	
Glyphosate + Staple	9, 2	9	6	10	10	10	10	10	10	10	8	9	9	9.5	8	9	6	9.5	9	10	6	8	8.5	8	9	9	9	7	G	
Enlist Duo	9 + 4	9	6	10	10	10	10	10	10	7	10	10	10	9	10	9	10	9	10	6	9	7	9	9	9	8	5	G		
Glufosinate ²	10	8	4	8	8	-	-	6	8	9	-	9	-	10	-	7	9	10	7	-	5	7	8	-	-	10	2	3	G	
Enlist One + glufosinate	10 + 4	8	4	8	8	-	-	6	8	9	-	10	9	10	-	9	10	10	8	10	6	8	8	9	9	10	2	3	G	
Dual Magnum/Outlook	15	9	0	8	9	9	9	9	0	5	0	0	-	5	5	7	8	2	3	-	0	0	4	3	3	3	8	6	F/G	
Warrant	15	6	0	6	6	6	6	6	0	2	0	0	2	0	-	-	8	0	2	-	0	0	-	3	2	2	7	4	F	
Postemergence (directed)																														
Suprend	5, 2	9	0	8	8	-	-	7	-	8	-	10	8	9.5	-	-	8	10	9	-	-	9	8	9	-	9	10	9	G	
Caparol + MSMA	5, 17	9	0	9	9	9	9	9	6	9	2	9	8	8	9	9	9	8	8	8	0	7	7	5	7	6	8	6	G	
Cheetah Max	10, 14	8	4	8	8	-	-	6	1	5	-	9	9	9	9	-	9	10	7	-	-	7	9	-	7	10	2	6	G	
Zidua	15	9	0	8	9	8	9	7	0	5	0	-	-	4	-	5	9	6	7	-	0	-	-	-	5	5	9	7	G	
Linex	7	7	0	7	8	7	7	7	0	7	2	7	8	8	9	9	7	8	8	9	0	7	7	7	7	7	7	2	G	
Cotoran + MSMA	7, 17	8	0	8	9	9	8	8	6	8	2	9	8	8	9	9	9	8	8	7	6	0	7	8	5	7	6	8	6	G
Karmex + MSMA	7, 17	9	0	9	9	9	9	9	6	9	2	9	8	8	9	9	9	8	8	8	0	7	7	5	6	6	8	6	G	
Aim	14	0	0	0	0	0	0	0	0	0	2	7	7	10	-	-	7	10	7	9	0	4	8	-	-	9	0	2	G	
Valor (layby) + MSMA	14	9	0	8	8	8	8	5	6	8	3	10	9	10	9	9	9	10	9	10	2	-	9	9	9	9	-	4	G	
DSMA or MSMA	17	8	0	8	8	8	8	5	6	8	1	9	5	3	3	5	5	3	2	3	0	3	2	0	1	1	6	6	G	
Fierce + MSMA (layby)	15, 14, 17	9	0	8	9	8	9	9	6	4	3	10	9	10	9	9	9	10	9	10	2	8	9	9	9	9	9	7	G	

Rating scale – 0 = No Control 10 = 100% Control. Dash means insufficient data.

¹Glyphosate-resistant populations of Palmer amaranth, horseweed and johnsongrass have been found in Arkansas.

²Glufosinate in-crop rating on glyphosate-resistant horseweed is an 8.