

EXPECTED WEED RESPONSE TO COTTON HERBICIDES – 2005

	Treflan	Prowl or Pendimax 3.3	Cooran or	Command + Cooran or Meturon	Dual II Magnum	Zorfall	DSMA or MSMA	Cooran or	Aim	Karmex or	Caprot or Cotton-Pro + MSMA	Suprend + MSMA	Cobra + MSMA	Valor + MSMA	Libby Pro + MSMA	Roundup WeatherMax/Touchdown/others**	Envoke	Ignite***	Staple	Assure II	Fustade	Fusion	Poast/Poast Plus	Select
	PPI	PPI/PRE	PRE	PRE	PRE	PRE	EPD	EPD	LPD	LPD	LPD	LPD	LPD	LPD	LPD	OT/LP D	OT	OT	OT	OT	OT	OT	OT	OT
1. Crabgrass	9	9	8	8	8	8	8	8	0	9	8	8	8	8	9	9	2	6	0	8	8	9	9	9
2. Fall Panicum	9	9	8	8	8	8	8	8	0	9	8	8	8	8	9	9	0	6	0	8	8	9	9	9
3. Foxtail	9	9	8	8	8	8	8	8	0	9	8	8	8	8	9	9	0	7	0	8	8	9	9	9
4. Goosegrass	9	9	8	8	8	8	7	8	0	9	8	8	8	8	9	9	0	6	0	8	8	9	9	9
5. Johnsongrass (seedling)	9	8	6	6	8	7	8	8	0	8	8	8	8	8	9	10	5	7	0	9	9	9	9	9
6. Johnsongrass (rhizome)	2	2	0	1	0	4	5	3	0	4	3	3	3	3	4	9	0	2	0	9	9	9	6	9
7. Broadleaf Signalgrass	8	8	7	8	8	7	7	7	0	8	7	7	8	8	8	9	---	6	0	8	8	9	9	9
8. Yellow Nutsedge	0	0	0	1	8	6	7	7	0	7	7	9	7	7	7	7	9	2	1	0	0	0	0	0
9. Cocklebur	1	1	8	8	1	5	8	8	6	9	9	9	8	8	8	10	9	8	8	0	0	0	0	0
10. Jimsonweed	0	0	8	8	1	5	8	8	---	9	9	9	8	8	8	8	0	8	8	0	0	0	0	0
11. Lambsquarters	7	7	9	9	7	8	7	8	8	9	9	9	7	7	7	8	---	---	---	0	0	0	0	0
12. Morningglory Entireleaf/Ivy ^a	5	5	7	7	0	0	6	8	8	8	6	9	9	9	8	8	9	9	8	0	0	0	0	0
13. Pitted ^b	7	7	8	8	0	6	6	9	8	9	9	9	9	9	8	7	9	9	7	0	0	0	0	0
14. Tall ^c	4	4	6	6	0	0	5	8	8	8	7	9	9	9	---	8	9	9	3	0	0	0	0	0
15. Pigweed, Palmer ^d	9	8/6 ^{tt}	5	5	6	6	4	5	7	4	8	8	8	8	8	9	2	6	7	0	0	0	0	0
16. Pigweed, smooth ^e	9	8	9	9	8	7	6	8	8	8	8	8	8	8	9	9	8	8	9	0	0	0	0	0
17. Prickly Sida	0	0	6	8	0	8	4	7	6	6	4	4	6	4	8	6	0	3	2	0	0	0	0	0
18. Common Ragweed	0	0	9	9	0	8	8	8	---	8	8	8	8	8	8	8	---	---	---	0	0	0	0	0
19. Sicklepod	0	0	8	8	2	1	6	8	0	7	7	9	6	6	8	8	9	8	3	0	0	0	0	0
20. Smartweed	0	0	8	8	1	6	6	7	---	8	8	8	8	8	8	8	---	8	7	0	0	0	0	0
21. Spotted Spurge	0	0	7	7	6	7	5	7	6	7	7	7	8	7	7	9	---	---	3	0	0	0	0	0
22. Spurred Anoda	0	0	4	8	0	7	2	3	---	5	4	5	5	4	8	7	5	---	8	0	0	0	0	0
23. Velvetleaf	0	3	5	9	0	8	4	5	10	5	6	6	5	5	7	7	---	6	9	0	0	0	0	0
24. Volunteer RR Soybeans	0	0	9	9	0	1	4	6	2	8	7	8	3	4	6	0	8	9	6	0	0	0	0	0
25. Cotton Tolerance	1	1	1	1*	1	1	1	1	1	2	2	2	3	3	2	0**	2	0***	1	0	0	0	0	0

PPI=Preplant Incorporated PRE=Preemergence EPD=Early Post-Directed LPD=Late Post-Directed OT=Overtop
^a Many hairs on upper leaf surface ^b No plant hairs on upper leaf surface ^c A few hairs on upper leaf surface

^d No hairs on leaf ^e Many hairs on leaf

*Di-Syston must be used in-furrow.

**Cotton variety must be Roundup Ready and applications properly timed.

***Cotton variety must be Liberty Tolerant.

^{tt}- 8 for PPI; 6 for PRE

KEY TO RESPONSE RATINGS: 0=No control or crop injury; 10=100% control or severe, yield reducing crop injury. Ratings are based on labeled rates of each herbicide, applied at the optimum timing for each weed.

Visit the UT Extension Web site at
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