

**Table 2.4-8. Relative effectiveness of herbicides on individual weeds.<sup>1</sup>**

Ratings are based on labeled application rates and weed size or growth stage. Results may differ with variations in weed size, temperature, rainfall, soil moisture, soil type, and soil pH. For ratings on herbicide combinations not listed, see the component parts. Crop injury rating of 1 or less is rarely significant.

**Weed control ratings**

- 10 = 95–100%
- 9 = 85–95%
- 8 = 75–85%
- 7 = 65–75%
- 6 = 55–65%
- N = less than 55% or no control

**Crop tolerance**

- 0 = Excellent
- 1 = Good
- 2 = Fair
- 3 = Poor

Grasses	Barnyard-grass	Crabgrass	Fall Panicum	Foxtails	John-songrass (Seedling)	John-songrass (Rhizome)	Quackgrass	Shattercane	Volunteer Corn	Wirestem Muhly	Yellow Nutsedge
<b>Soil-Applied<sup>2</sup></b>											
Command <sup>3</sup>	8+	8+	9	9	8+	N	7	9	7	N	N
Dual products/Cinch/Prefix	9	9	8+	9	6	N	N	6	N	N	8
Lorox	6	6	N	N	6	N	N	6	N	6	6
Micro-Tech	9	9	8	9	6	N	N	6	N	N	7+
Outlook	9	9	8+	9	6	N	N	6	N	N	7+
Prowl	8+	9	9	8+	7	N	N	7	N	N	6
Pursuit	8	7	7	8	8	6	N	8	6	N	7
Scepter	6	6	N	6	7+	N	N	7+	7+	N	7
Sencor	6	6	N	N	6	N	N	6	N	N	6
Treflan <sup>3</sup>	9	9	9	9	8	7	7	8	6	N	N
<b>Mixtures</b>											
Axiom	9	9	8+	9	6	N	N	6	N	N	6
Boundary	8+	8+	8	8+	N	N	N	N	N	N	7+
Canopy	6	6	N	N	8	N	N	8	7	N	8
Domain	8+	8+	8	8+	N	N	N	N	N	N	6
Pursuit Plus	8+	9	9	9	8	6	6	8	6	N	7
<b>Postemergence</b>											
Assure II	9	8	9	9 <sup>7</sup>	9	9	9	9+	9+	6	N
Basagran	N	N	N	N	N	N	N	N	N	N	8
Classic	N	N	N	N	N	N	N	6	6	N	8
Fusilade DX	9	8	8+	8+	9	9	9	9+	9+	8+	N
Glyphosate <sup>4</sup>	9+	9+	9+	9+	9+	9	9	9	9+	9	7
Liberty/Ignite <sup>6</sup>	8	9	7+	9 <sup>7</sup>	8	6	6	8	9	7	6
Poast Plus	9+	9	9	9+	8+	8	8	8+	8	7	N
Pursuit	8	7	8	8 <sup>7</sup>	9	7	6	9	6	N	7
Raptor	8	7	8+	8+	8+	7	N	8+	8	N	6
Select	9	9	9	9+	9	9	8+	9	9	8+	N
<b>Mixtures</b>											
Extreme	9+	9+	9+	9+	9+	9	8+	9	9	9	6
Fusion	9	8+	9	9 <sup>7</sup>	8	8	8	8	8	6	N
Synchrony <sup>5</sup>	N	N	N	N	6	N	N	6	6	N	8

(continued)

**Table 2.4-8. Relative effectiveness of herbicides on individual weeds (continued).**

Broadleaves	Burcu- cumber	Cockle- bur	Jimson- weed	Lamb- quarters	TR Lamb- quarters	Annual		Pigweed	TR Pig- weed	Common Ragweed	Giant Ragweed	Prickly Sida	Smart- weed	Soybean Velvetleaf	Soybean Injury
						Morning- glory	Black Night- shade								
<b>Soil-Applied<sup>2</sup></b>															
Authority/Spartan	N	6	8+	9	9	8	9	9	9	6	6	7	8	7	1+
Command <sup>3</sup>	N	7+	9	9+	9+	N	6	7	7	8	N	8+	8+	10	1
Dual products/ Cinch	N	N	N	6	6	N	7+	8	8	6	N	N	N	N	1
FirstRate	N	8+	8	9	9	8	N	9	9	9	8	7	8	8+	1
Lorox	N	7+	7	8+	8+	N	7	8	8	6	N	7+	9	7	2
Micro-Tech	N	N	N	6+	6+	N	7+	8+	8+	6	N	N	6	N	1
Outlook	N	N	N	6	6	N	7+	8	8	6	N	N	6	N	1+
Prowl	N	N	6	9	9	N	N	8	8	N	N	N	8	8+	1+
Pursuit	6	8	8	8	8	7	8	9	9	7+	6	8	9	8	1+
Python	6	8	8	9	9	6	7	9	9	7+	6	8	8+	8+	1
Scepter	6	9	8+	9	9	7	8	9+	9+	7+	8	9	8+	7+	1+
Sencor	6	8	8	9	6	N	N	9	6	7	N	8+	9	8	2
Treflan <sup>3</sup>	N	N	N	9	9	N	N	9	9	N	N	N	6	7+	1
Valor	N	6	8	9	9	7+	9	9	9	7	6	8	7	7	1+
<b>Mixtures</b>															
Authority First/ Sonic (3 oz)	N	8	8	8+	8+	7+	8+	9	9	8	7	6	7+	8	1+
Axiom	N	N	6	7	N	N	N	7	N	N	N	8	6	N	1+
Boundary	N	7+	7+	8+	6	N	6	8+	8	6	N	9	8+	7	2
Canopy	7	9	9	9	8+	7	6	9+	9	8	8	9	9	9	2+
Envive	7	8+	9	9	9	7+	9	9	9	7+	7	8+	9	9	2
Prefix	N	N	8	8+	8+	6	8	8	8	7+	6+	N	8	7	1
Pursuit Plus	6	8+	8+	9+	9+	7	8+	9+	9+	7+	6	8	9	9	1+
Valor XLT	7	8+	9	9	9	7+	9	9	9	7+	7	8+	8+	8+	2
<b>Postemergence</b>															
Basagran	N	9	9	8	8	N	N	6+	6+	8	7	8	9	8+	1+
Blazer	7	8	9	7	7	8	8	9	9	9	8	N	8+	7+	2
Classic	8	9+	9	7	7	7	N	9	9	8	7+	N	8+	8	1+
Cobra	8	8	9	7	7	8	8+	9	9	9	8+	6	7	8+	2+
FirstRate	6	9	8	N	N	8+	N	N	N	9	9	N	8	9	1+
Glyphosate <sup>4</sup>	8+	9	9	8+	8+	7	8	9	9	8+	8	7	8+	8	1
Harmony SG	7	7+	7	9	9	N	N	9	9	6	N	N	9	8+	2+
Liberty/Ignite <sup>6</sup>	8	9	9	9	9	8	8	8	8	9	8+	8	8+	8	1+
Pursuit	6	9	8	7	7	7+	8	9	9	7	6	6	8+	9	1+
Raptor	6	9	8	8+	8+	7	8	9	9	7+	8	6	8	9	1+
Reflex/Flexstar	7	8	9	7	7	8	7+	9	9	9	8	N	8	7+	1+
Resource	6	6	7	7	7	N	8	7+	7+	7+	6	7	6	9+	1+
Scepter	N	9+	N	N	N	N	N	10	10	N	N	N	N	N	1+
<b>Mixtures</b>															
Extreme	8	9	9	8+	8+	7+	8	9	9	8+	8	7	8+	9	1+
Storm	6	9	9	7+	7+	7+	7	9	9	8+	8	7	9	8	2
Synchrony <sup>5</sup>	8+	9+	9	9	9	7	N	9+	9+	8	7+	N	9	9	1
Stellar	7	8	9	7+	7+	7	8	9	9	8	7+	6	7	9+	2

1. 10 = 95–100%, 9 = 85–95%, 8 = 75–85%, 7 = 65–75%, 6 = 55–65%, N = less than 55% or no control. For ratings on herbicide combinations, see the component parts. Above ratings are for average conditions; results may differ with variations in weed size, temperature, rainfall, soil moisture, soil type, and soil pH. See Table 2.4-1 for additional products that contain these active ingredients.

2. Control of large-seeded annual weeds or perennials may improve with incorporation of the herbicide.

3. Command 4E, Treflan and trifluralin require incorporation; Command 3ME may be applied preemergence and not incorporated.

4. For use on Roundup Ready soybean varieties only.

5. For use on STS or non-STS soybean varieties; a lower rate must be used on non-STS varieties.

6. For use on glufosinate-resistant soybean varieties only.

7. Herbicide is less effective on yellow foxtail: Assure II = 7, Fusion = 8, Pursuit = 6, Ignite = 7.