

## WEED RESPONSE RATINGS FOR BURNDOWN HERBICIDES – ALL CROPS

(See Explanation of Rating Tables on Page 3.)

Herbicide <sup>1</sup>	Weeds																													
	Annual Bluegrass	Barnyardgrass	Broadleaf Signalgrass	Buttercup	Carolina Geranium	Chickweeds	Common Lambsquarter	Common Ragweed	Coreopsis	Crabgrass	Curly Dock	Cutleaf Eveningprimrose	Giant Foxtail	Henbit <sup>7</sup>	Horseweed, Glyphosate-Resistant <sup>8</sup>	Little Barley	Mayweed	Morningglory spp.	Mustards	Palmer Amaranth, Glyphosate-Resistant	Prickly Lettuce	Red Rice	Ryegrass <sup>7</sup>	Smartweed spp.	Sow Thistle spp.	Swinecress	Vetch Cover	Virginia Pepperweed	Wheat Cover	Yellow Nutsedge
2,4-D (labeled formulations)	0	0	0	8	5	0	2	9	7	0	9	8	0	5	8	0	8	9	6	9	8	0	0	6	7	6	10	2	0	4
Clarity	0	0	0	6	7	8	4	9	7	0	8	8	0	6	9	0	6	9	7	8	7	0	0	6	8	7	9	3	0	0
Glyphosate	10	9	8	5	7	10	8	9	4	10	7	6	8	7	2	10	7	6	10	0	9	8	6	8	8	6	6	10	9	4
Glyphosate + Clarity or 2,4-D <sup>2</sup>	10	10	9	10	9	10	10	10	7	10	9	9	8	10	9	10	10	10	10	8	10	8	6	9	9	8	8	10	9	4
Glyphosate + FirstShot	10	7	8	8	9	10	10	9	4	8	10	7	8	9	5	10	8	7	10	4	10	8	6	10	8	6	8	10	9	4
Glyphosate + Goal	10	8	8	9	9	10	8	9	4	9	7	7	8	10	8	10	7	7	10	7	9	8	6	10	8	6	7	8	9	4
Glyphosate + LeadOff <sup>3</sup>	10	8	8	9	9	10	10	9	6	8	10	7	8	9	6	10	9	7	10	5	10	8	8	9	8	8	8	9	9	6
Glyphosate + Sharpen	10	10	9	10	8	8	10	10	7	9	7	7	9	8	8	8	8	8	9	8	8	9	6	9	9	7	8	9	10	7
Glyphosate + Sharpen + 2,4-D	10	10	9	10	10	10	10	10	9	9	10	8	9	10	10	10	10	10	10	10	10	9	6	10	10	9	10	10	9	7
Glyphosate + Valor <sup>4</sup>	10	9	8	6	8	10	9	9	6	10	7	9	8	9	2	10	7	9	10	4	9	8	6	9	-	-	8	10	9	6
Glufosinate + 2,4-D or Clarity	6	7	7	10	8	10	9	10	7	7	8	8	8	10	9	7	10	10	10	10	9	7	5	8	8	8	10	10	5	5
Paraquat <sup>5</sup>	9	7	8	7	9	10	9	8	8	8	5	7	8	8	5	9	7	8	10	9	6	7	6	6	6	4	7	0	7	4
Paraquat + PSII <sup>6</sup>	9	9	9	8	9	10	9	8	9	9	6	7	9	9	6	10	7	9	10	10	6	8	8	6	6	4	9	0	9	5

<sup>1</sup>Herbicide rates are: Glyphosate (4 lb/gal) 1 qt/A; paraquat 40 oz/A. Add 0.25% v/v surfactant with paraquat.

<sup>2</sup>Glyphosate (4 lb/gal) 1 qt + 2,4-D 1 pt/A.

<sup>3</sup>Add 2,4-D or Clarity for improved control of cutleaf evening primrose and horseweed.

<sup>4</sup>Adding Valor or other flumioxazin products like Afforia will provide residual control of horseweed and pigweed, but no postemergence control.

<sup>5</sup>Burndown ratings for paraquat on summer weeds can be increased by adding metribuzin (**soybeans only**).

<sup>6</sup>Adding a PSII-inhibiting herbicide such as metribuzin in beans, atrazine in corn or Cotoran in cotton will greatly increase weed control with paraquat.

<sup>7</sup>For glyphosate-resistant ryegrass and henbit, fall applications may be more effective than typical burndown applications applied in the spring. Apply 2 oz/A Zidua or 1.33 pints per acre of Dual Magnum or equivalent in the fall prior to weed emergence. Valor is effective for broadleaves such as henbit, but not for ryegrass. All crops on the Dual label can be planted the following spring. POST applications of paraquat tank-mixed with a photosystem II inhibitor (metribuzin, diuron or atrazine) have also been effective for ryegrass. Select or Select MAX has also been effective at controlling smaller ryegrass; however, it has failed as a late spring salvage in University trials.

<sup>8</sup>ALS-resistant populations of horseweed, mayweed, red rice and ryegrass have been documented.