WEED RESPONSE RATINGS FOR BURNDOWN HERBICIDES – ALL CROPS

(See Explanation of Rating Tables on Page 3.)

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

2As this is written, the proposed cutoff date for all dicamba applications is April 15 statewide. Check the Arkansas State Plant Board website (www.aad.arkansas.gov) for updated regulations on dicamba.

3Glyphosate (4 lb/gal) 1 qt + 2,4-D 1 pt/A.

4Add 2,4-D or dicamba for improved control of cutleaf evening primrose and horseweed.

5Adding Valor or other flumioxazin products like Afforia will provide residual control of horseweed and pigweed, but no postemerge control.

6Burndown ratings for paraquat on summer weeds can be increased by adding metribuzin (soybeans only).

7Adding a PSII-inhibiting herbicide such as metribuzin in beans, atrazine in corn or Cotoran in cotton will greatly increase weed control with paraquat.

8For 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.

9ALS-resistant populations of horseweed, mayweed, red rice and ryegrass have been documented.