

Burndown

Improving Performance of Residual Herbicides

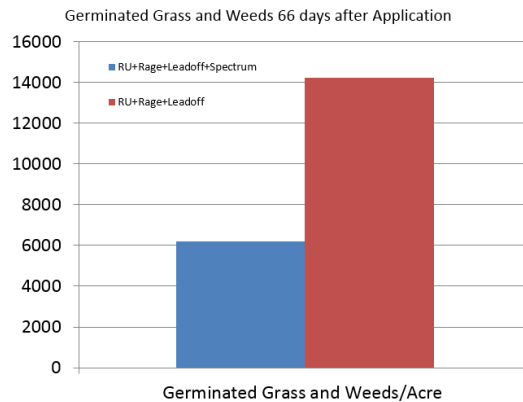
Spectrum Spray adjuvant used with Leadoff® Herbicide from E. I. du Pont de Nemours and Company and Rage D-Tech™ from FMC Corporation

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Applications of Spectrum Spray Adjuvant with Leadoff® Herbicide and Rage D-Tech™

In a spray demonstration plot located in Kinston, North Carolina, applications of glyphosate plus LeadOff® and Rage D-Tech™ were applied with and without SPECTRUM as a burndown treatment, and were compared to an untreated area on November 7th, 2011 to evaluate the control of winter annual broadleaf weeds and grasses. Broadleaf weeds included henbit, chickweed, cutleaf evening primrose and cudweed. Annual bluegrass was also in the plots.

Glyphosate was applied at 32 oz/A; LeadOff® was applied at 1.5 oz/A; Rage D-Tech™ was applied at 8 oz/A, and Spectrum was applied at 8 oz/A. When Spectrum was used as a spray additive, weed control was extended out to 66 days after treatment (DAT). In many cases, SPECTRUM has shown to improve efficacy of preemergence herbicides and increase the length of control. See graph below.



By 100 DAT, annual bluegrass, chickweed, henbit and other miscellaneous winter annuals were still being controlled. In the untreated area, there were a few marestalk plants, but in the areas treated with glyphosate, LeadOff®, Rage D-Tech™ + SPECTRUM, there were none.

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