

EVALUATING THE UTILITY OF GLUFOSINATE FOR WEED MANAGEMENT IN BURNDOWN APPLICATIONS. Mark A. Waddington, Jayla R. Allen, Michael Weber, Bayer CropScience, RTP, NC 27709.

Some growers are struggling with hard to control weeds in burndown applications of glyphosate. Glyphosate resistant horseweed (*Conyza canadensis*) has been confirmed and continues to be troublesome in traditional corn and soybean rotations throughout the Midwest. Glufosinate has proven successful in burndown applications prior to cotton, and has received a label utilizing glufosinate for burndown applications prior to corn or soybeans. Trials were conducted by Bayer CropScience and universities across the Midwest to evaluate the utility of glufosinate alone or in tank mixtures for burndown situations. Glufosinate provided control of most weeds, including glyphosate resistant horseweed.