

EFFECT OF POSTEMERGENCE APPLICATION TIMING ON CROP SAFETY OF NICOSULFURON PLUS RIMSULFURON MIXTURES IN CORN, Helen A. Flanigan, Eric P. Castner, Robert E. Etheridge and David W. Saunders, Development Representatives and Product Development Manager, DuPont Ag & Nutrition, Johnston, IA 50131.

Field studies were established in corn to assess crop response from applications of Steadfast (nicosulfuron + rimsulfuron) and various tank mixtures when applied to two, four and six leaf collar corn. To reduce the impact of environment at the time of herbicide application, planting dates were varied so a single application timing could be used. Crop response at seven days after treatment with Steadfast was comparable to Steadfast tank mixtures with atrazine, mesotrione or dicamba. Minimal differences in crop response were seen from applications made to various corn growth stages. Plant health at the time of herbicide application was the greatest determining factor in crop response.