EFFICACY AND CROP SAFETY OF POSTEMERGENCE APPLICATIONS OF NICOSULFURON PLUS RIMSULFURON AND MESOTRIONE PLUS S-METOLACHLOR MIXTURES IN CORN

Mick F. Holm, Donald D. Ganske, Susan K. Rick and David W. Saunders, Development Representatives and Product Development Manager, DuPont Ag & Nutrition, Johnston, IA 50131.

Field studies were conducted in corn to determine the effect of tank mixes of Steadfast (nicosulfuron + rimsulfuron) and Camix (S-metolachlor + mesotrione) or Lumax (S-metolachlor + mesotrione + atrazine) on crop safety and efficacy on several grass and broadleaf weed species. Tank mix applications were made utilizing a non-ionic surfactant or non-ionic surfactant plus AMS or 28% nitrogen. Results from weed free trials show no significant crop response across treatments on corn up to 5 inch in height regardless of the additives utilized. In additional trials when applications were made at two different corn heights, crop response ratings were similar to weed free trials and did not vary between application timings. The addition of Camix or Lumax to Steadfast gave excellent control to a broad spectrum of broadleaf grass weed species when applied at labeled weed heights.

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