

POSTEMERGENCE WEED CONTROL WITH NICOSULFURON + RIMSULFURON + MESOTRIONE MIXTURES IN CORN. Chris M. Mayo, Helen A. Flanigan and David W. Saunders, Development Representatives and Product Development Manager, DuPont Crop Protection, Johnston, IA 50131

In field trials the 2:1 premix of nicosulfuron and rimsulfuron applied at 0.56 ozai/acre provided excellent postemergence control of grass and some broadleaf weeds in field corn. The addition of mesotrione at 0.75–1 ozai/acre provided control of common lambsquarter, eastern black nightshade and velvetleaf. For control of common ragweed, common waterhemp and Palmer amaranth, atrazine at 4-12 ozai/acre was added to the tank mixture. Evaluations of this tank mixture taken 56 days after treatment from 35 sites, demonstrated residual control of common lambsquarter, common waterhemp, Palmer amaranth, velvetleaf and giant foxtail.