CIMARRON MAX: WEED CONTROL IN RANGELAND AND IMPROVED PASTURE. Eric P. Castner, Robert N. Rupp, Chris M. Mayo*, Gill E. Cook, James D. Harbour, Michael T. Edwards and Bill C. Kral, Research and Development Representatives, Ag & Nutrition, Denver, CO 80033.

Metsulfuron methyl, 2,4-D amine and dicamba (Cimarron Max), a new product offering from DuPont Crop Protection that provides residual and postemergence weed control in rangeland and improved pasture. Clipping studies were conducted to evaluate differences in forage production of native and introduced grasses. Field trials measured grass response and weed control following applications of metsulfuron methyl, 2,4-D amine and dicamba in rangeland and improved pasture. Research showed excellent results on broadleaf weeds including western ragweed, musk thistle, Scotch thistle, and broom snakeweed. The clipping studies showed near 100% biomass reduction of horsenettle, silverleaf nightshade, horseweed, and bitter sneezeweed with a 1 to 3-fold forage increase when metsulfuron methyl, 2,4-D amine and dicamba was used.