

METSULFURON METHYL AND CHLORSULFURON: COMBINATIONS THAT PROVIDE POSTEMERGENCE WEED CONTROL IN IMPROVED PASTURES AND RANGELAND. Michael T. Edwards *, Robert N. Rupp, Eric P. Castner, James D. Harbour, C. William Kral, Lawrence S. Tapia, Field Development Representatives, Product Development Manager, DuPont Crop Protection, Lakewood, CO 80228

Metsulfuron methyl and Chlorsulfuron are combined in different products to provide residual postemergence weed control in pasture and rangeland. Combinations of metsulfuron methyl, 2,4-D amine and dicamba (Cimarron Max), and combinations of metsulfuron methyl and chlorsulfuron (Cimarron X-tra) are new product offerings from DuPont Crop Protection that in replicated field trials have measured grass response and weed control in improved pastures and rangeland.

Research has shown excellent results on annual and perennial broadleaf weeds including musk thistle, Scotch thistle, Canada thistle, fringed sagebrush, sand sagebrush, kochia and Russian thistle. Multi-year studies continue to show biomass reduction of prickly pear, brittle cactus and yucca. Ongoing clipping studies continue to have a 1 to 3-fold forage increase in grass forage when metsulfuron methyl and chlorsulfuron combinations are used.