

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 and Lawrence S Tapia, DuPont Crop Protection, Wilimington, DE.

Metsulfuron methyl and Chlorsulfuron are combined in different products to provide residual postemergence weed control in pasture and rangeland.

Combinations of metsulfuron methyl and chlorsulfuron in a 1:1 ratio (Cimarron® X-tra) is new product offering from DuPont Crop Protection that in replicated field trials have measured grass response and weed control in improved pastures and rangeland.

Cimarron® X-tra controls the treated foliage of Canada thistle and reduces the regrowth. Cimarron® X-tra also controls these thistle species - musk, plumeless, flodman, bull, wavyleaf, yellowspine and suppresses scotch thistle. Wild garlic, wild carrot, dogfennel, narrowleaf plantain and wild rose are controlled with Cimarron® X-tra. Common milkweed was suppressed.

Ongoing clipping studies continue to have a 2 to 3-fold forage increase in grass forage when metsulfuron methyl and chlorsulfuron combinations are used.