

EFFICACY OF AMINOPYRALID + METSULFURON ON SELECTED RANGE AND PASTURE WEEDS AND BRUSH. Byron B. Sleugh\*, Mary B. Halstvedt, Pat L. Burch, Vernon B. Langston, Daniel C. Cummings, David E. Hillger, William N. Kline, Robert G. Wilson, Dow AgroSciences, Indianapolis, IN; University of Nebraska; Mark Renz, University of Wisconsin; Kevin Bradley, University of Missouri.

Aminopyralid (Milestone® specialty herbicide) is a new herbicide developed by Dow AgroSciences for managing noxious and invasive plants in range and pasture, rights-of-way, and other non-cropland sites. Aminopyralid has broad range activity on a number of key species and that spectrum is broadened even further when combined with certain other active ingredients. A new product with aminopyralid and metsulfuron (Chaparral™ herbicide) has been developed for use on rangeland, pastures, Conservation Reserve Program (CRP) land, and wildland. The maximum label rate for Chaparral is 2.02 oz ae/A (3.3 ounces product/acre). Field studies were initiated across several locations to determine efficacy of Chaparral on key target weeds in range and pasture including Canada thistle (*Cirsium arvense*), Musk thistle (*Carduus nutans*), buckbrush (*Symphoricarpos occidentalis* Hook. and *Symphoricarpos orbiculatus*) and common mullein (*Verbascum thapsus*), wild parsnip (*Pastinaca sativa*), wild carrot (*Daucus carota*) and others. Our data show that this combination of aminopyralid and metsulfuron has excellent efficacy on a broad spectrum of weeds and also allows for a more flexible time table for the control of certain weeds that typically have a narrow application window.

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