

INVASIVE WEED MANAGEMENT WITH AMINOPYRALID. Byron B. Sleugh*, Mary B. Halstvedt, Daniel C. Cummings, Pat L. Burch, William N. Kline, Vernon B. Langston, David Hillger, Vanelle F. Peterson, Dow AgroSciences LLC, 9330 Zionsville Rd., Indianapolis, IN 46268.

With the introduction of aminopyralid, an innovative, non-restricted use active ingredient from Dow AgroSciences, successful strategies for managing many noxious and invasive species in some of the most ecologically sensitive sites, including pastures and rangeland, can be developed. Aminopyralid is a pyridine carboxylic acid herbicide developed for selective broadleaf weed control in sites such as rangeland, pastures, rights-of-way, non-cropland, and natural areas and was registered under the Environmental Protection Agency's Reduced Risk Pesticide Initiative. Aminopyralid (Milestone VM[®] Specialty herbicide) has broad range activity on a number of key invasive species, such as Canada thistle (*Cirsium arvense*), musk thistle (*Carduus nutans*), spotted knapweed (*Centaurea maculosa*), common and giant ragweed (*Ambrosia spp.*), teasel (*Dipsacus spp.*) and many others, and that spectrum is broadened even further when combined with certain other active ingredients. A new product with aminopyralid and metsulfuron (Chaparral[™]/Opensight[™] herbicide) has been developed for use on non-cropland sites including industrial sites, rights of ways, non-irrigation ditch banks, natural areas and grazed areas around those sites. This new combination will control additional noxious and invasive weeds such as wild parsnip, wild carrot, poison hemlock, sericea lespedeza, and multiflora rose. The data show that aminopyralid or aminopyralid + metsulfuron could be used in a long term integrated approach to managing noxious and invasive weeds in various habitats.

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