

Opensight® Herbicide to Control Mixed Stands of Invasive Weeds



SPECIALTY HERBICIDE

Opensight® herbicide combines aminopyralid and metsulfuron-methyl in a dry, water dispersible granule formulation. The combination of these two active herbicide ingredients broadens the weed control spectrum and allows applicators to control noxious weed complexes with one application.

Noxious and invasive weeds on roadsides and rangelands often occur as a complex or mixed stand of various species that may include knapweeds (*Centaurea* sp.), thistle (*Cirsium* and others), houndstongue (*Cynoglossum officinale*), whitetop (*Cardaria draba*), or common tansy (*Tanacetum vulgare*). Growth regulator herbicides such as Milestone® (aminopyralid) provide excellent control of knapweeds and thistle, but have less activity on weeds such as mustard and common tansy. In contrast, metsulfuron-methyl provides excellent control of whitetop, common tansy, and houndstongue but poor control of knapweeds and thistle. Opensight® herbicide combines aminopyralid and metsulfuron-methyl in a dry, water dispersible granule formulation. The combination of these two active herbicide ingredients broadens the weed control spectrum and allows applicators to control noxious weed complexes with one application. The maximum label use rate for Opensight is 3.3 oz product/A, which contains 1.7 oz acid equivalent (ae) of aminopyralid (equal to 7 fl oz Milestone) and 0.36 oz active ingredient of metsulfuron-methyl (equal to 0.5 oz of a 60% ai metsulfuron product).

Key invasive weeds controlled by Opensight include: Thistles (including bolted thistles), knapweeds and starthistles, common tansy, wild parsnip (*Pastinaca sativa*), poison hemlock (*Conium maculatum*), hoary cress (whitetop), houndstongue,

common mullein (*Verbascum thapsus*), and sericea lespedeza (*Lespedeza cuneata*).

For technical information and a complete list of species controlled by Opensight, go to www.techlinenews.com and click on "Resources" then "Herbicide Information".

NOTE:

Chaparral™ herbicide was introduced in 2008 for weed and brush control in pastures and rangelands. This product is labeled for weed and brush control in CRP, rangelands and permanent grass pastures and is the product handled by retailers in your area for private landowner purchase.

Opensight® has been created specifically for public land managers with the following use sites listed on the label:

For control of susceptible weeds and certain woody plants, including invasive and noxious weeds, on non-cropland areas including industrial sites, rights-of-way (such as roadsides, electric utility and communication transmission lines, pipelines, and railroads), non-irrigation ditch banks, natural areas (such as wildlife management areas, wildlife openings, wildlife habitats, recreation areas, campgrounds, trailheads and trails), and grazed areas in and around these sites.

Opensight 61.95% WG (52.5% aminopyralid + 9.45% metsulfuron methyl)

Opensight Rate oz product/A	EQUIVALENT AMOUNT OF ACTIVE INGREDIENTS	
	Milestone (aminopyralid) fl oz/A	60% metsulfuron methyl oz product/A
1.0	2.1	0.17
1.5	3.1	0.24
2.0	4.2	0.31
2.5	5.3	0.41
3.0	6.3	0.48
3.3	7.0	0.53



TechLine
c/o Weed Management Services
PO Box 1385
Helena, MT 59624

Product Standard
U.S. Package
PMO
Helena, MT 59624
Permit No. 221

IMPORTANT ATTRIBUTES

- Quick dissolving, easy mixing granule formulation containing Milestone and metsulfuron-methyl
- Essentially nonvolatile
- Low use rates 2 to 3.3 oz/acre
- Low foaming and easy to mix in water
- Controls over 160 broadleaf weeds and woody plants including many tough invasive or noxious weeds
- Wide window of application including use in fall
- Combines both pre-emergence and post-emergence activity to offer tank mix options to fit

many site specific vegetation management needs

- Adjuvant required for effective weed control (e.g., crop oil concentrate, methylated seed oil, or non-ionic surfactants)

USE IN INJECTION TANKS (pictured right)

- Mix 3.3 oz of product in 1 to 4 qt water
- Compatible with most herbicides
- Agitation required
- Best if used daily due to potential degradation of metsulfuron-methyl in the spray through hydrolysis

TWO PACKAGE SIZES AVAILABLE

1.25 lb container
6x1.25 lb containers per case with measuring device

10 lb container
2x10 lb containers per case with measuring device



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Some states require an individual be licensed if involved in the recommendation, handling or application of any pesticide. Consult your local Extension office for information regarding licensing requirements.

Milestone and Chaparral are not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Label precautions apply to forage treated with Milestone and Chaparral and to manure from animals that have consumed treated forage within the last three days. Consult the label for full details.

When using Opensight to treat areas in and around roadside or utility rights-of-way that are or will be grazed or planted to forage, important label precautions apply regarding harvesting hay from treated sites, using manure from animals grazing on treated areas or rotating the treated area to sensitive crops. See the product label for details. State restrictions on the sale and use of Opensight apply. Consult the label before purchase or use for full details.

Always read and follow label directions.



Opensight® Herbicide to Control Mixed Stands of Invasive Weeds. Celestine Duncan. TechLine News, TechNotes, February 2011. Article URL: <http://techlinenews.com/articles/2012/12/30/opensight-herbicide-to-control-mixed-stands-of-invasive-weeds>