

RESTRICTED USE PESTICIDE

May Injure (Phytotoxic) Susceptible, Non-Target Plants. For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

Supplemental Labeling



Dow AgroSciences

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Graslan™ L

EPA Reg. No. 62719-655

For Distribution and Use Only in CO, KS, MT, NE, ND, NM, OK, SD, TX, UT, and WY

For the control of broadleaf annual and perennial weeds, and certain woody plants and vines on fallow cropland

This supplemental label expires on October 31, 2019 and must not be used or distributed after this date.

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Graslan™ L herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Graslan™ L according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Graslan™ L.

Fallow cropland (not rotated to broadleaf crops)

Apply Graslan L as a post-harvest or fallow treatment in continuous grain or during the fallow period. Graslan L may be applied alone or in tank mix combination with other herbicides registered for this use site. If using in tank mix combinations, it is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Apply in 2 or more gallons of water per acre by air or 5 or more gallons per acre by ground.

Do not apply more than 0.25 lb a.e. picloram (2.5 pint of Graslan L) per acre as a broadcast treatment per annual growing season

For best weed control results, do not cultivate for at least 2 weeks after application or until top growth is dead.

Application Rates

Annual Weeds: To control annual weeds such as Russian thistle and wild buckwheat, apply 1/2 to 1 pint per acre of Graslan L in tank mix combination with other herbicides registered for use on fallow land. Apply when weeds are actively growing.

Field Bindweed: Apply 1 to 2 ¼ pints per acre of Graslan L when bindweed is actively growing. Optimum time for treatment is when plant runners reach 8 to 12 inches. Use 1 pint per acre to control light to moderate infestations under good growing conditions or to reduce the potential for crop injury. Use 2 ¼ pint per acre for heavy

infestations and to start a treatment program for long-term control. Some regrowth will occur the following season and a re-treatment program of 1 pint of Graslan L for one to two years will provide stand reduction.

Canada thistle: Apply 2 ¼ pint per acre of Graslan L when the majority of thistle plants are emerged but prior to bud stage.

Preplant Interval

A preplant interval following application of Graslan L prior to planting small grains is necessary to reduce or eliminate potential crop injury and/or yield reduction. The possibility for crop injury or yield reduction to occur depends on application rate, soil organic matter, rainfall, temperature and incidence of cereal diseases. Adequate soil moisture and soil temperature during the preplant interval is important in reducing, but may not eliminate, the risk of crop injury. When considering use of Graslan L on fallow land, growers should consider the benefit of weed control against the risk of crop damage and treat only if the risk of injury to small grains can be tolerated. The following preplant intervals are specific to the rate applied:

For applications up to 1 pint per acre, allow a minimum of **45 days** of soil temperatures above 40°F between application and planting.

For applications of greater than 1 pint and up to 2 pints per acre, allow a minimum of **60 days of soil temperatures above 40°F** between application and planting, except in the states of North Dakota, Nebraska, Montana, South Dakota and Wyoming, where the minimum preplant interval is **90 days**.

Degradation Factors: When planting into treated areas, the risk of crop injury is less if lower rates of product were applied and conditions following application have included warm, moist soil conditions that favor rapid breakdown of Graslan L. Risk is greater if higher rates of product were applied and soil temperatures have been cold and/or soils have been excessively wet or dry in the days following application. Consult your local agricultural extension service or information about susceptible crops and typical conditions in your area.

Crop Rotation

Use only on land to be planted the following year to grass, barley, oats, wheat, forage sorghum, sudangrass, or fallowed. Do not plant grain sorghum within 8 months after application. Do not use this product for sweet sorghum production or on land that will be rotated to sweet sorghum. Many broadleaf crops are extremely sensitive to soil residues of Graslan L. Do not plant sensitive broadleaf crops for 36 months after treatment or until soil residues have declined to a safe level as indicated by an adequately sensitive bioassay using the intended broadleaf crop. Conduct a bioassay following treatment and prior to planting any sensitive broadleaf crop.

- Do not rotate to forage sorghum if greater than 2 pints per acre of Graslan L has been applied. Do not plant forage sorghum within 8 months after application. Do not use this product for sweet sorghum production or on land that will be rotated to sweet sorghum.
- **To reduce potential damage to subsequent small grain crops or grain sorghum (milo),** use low rates or discontinue the use of Graslan L at least 2 years prior to the seeding of small grain crops.

Field Bioassay Instructions: In fields previously treated with this product, plant short test rows of the intended rotational crop across the original direction of application in a manner to sample variability in field conditions such as soil texture, soil organic matter, soil pH, rainfall pattern or drainage. The field bioassay can be initiated at any time between treatment and the planting of the intended rotational crop. Observe the test crop for symptoms of herbicidal activity, such as poor stand (effect on seed germination), chlorosis (yellowing), and necrosis (dead leaves or shoots), or stunting (reduced growth). If herbicidal symptoms do not occur, the test crop can be grown. If there is apparent herbicidal activity, do not plant the field to the intended rotational crop; plant only to wheat, barley, oats, forage grasses, native grasses or grasses grown for hay.

Restrictions:

- Do not apply more than 2 ¼ pint per acre as a broadcast treatment per annual growing season.
- **Spot Treatment:** See "Spot Treatment" in "Mixing and Application Methods" section for directions for calibration, spray volume determination and mixing. Spot treatments of Graslan L at rates over 2 ¼

pints per acre can be made on fallow, non-irrigated cropland if the treated areas comprise less than 10% of the immediate field in any one year. Do not make spot applications to fallow cropland at rates exceeding 1 lb ae picloram per acre (10 pints of Graslan L). When Graslan L is applied at rates above 2 ¼ pints per acre, injury to small grains may result for periods up to two years after treatment.

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