

Contains diflubenzuron, the active ingredient used in Dimilin® 2L.

INSECT GROWTH REGULATOR



DURANT™ 2 L IGR



GRASSHOPPER CONTROL AND MORE IN RANGELAND & PASTURES

Durant™ 2 L IGR combats severe infestations of grasshoppers, crickets, and other harmful pests in grasslands, rangelands, improved pastures, livestock and poultry premises, and other non-crop areas. Its active ingredient, diflubenzuron, disrupts the molting process of insect larvae, resulting in reduced nymph populations and the prevention of egg hatching. To achieve optimal results, it is recommended to apply Durant 2 L IGR early after hatch, particularly during the nymph stages.

Durant 2 L IGR provides an affordable and less harmful alternative to other insecticides that may be toxic to livestock and beneficial insects, mites, and pollinators. Additionally, Durant 2 L IGR offers extended residual activity and is tank-mix compatible, making it an excellent choice for integrated pest management programs. By incorporating Durant 2 L IGR into your management programs, you can protect your grasslands and mitigate the substantial financial losses that often arise from the consumption of forage by grasshoppers and crickets.

KEY BENEFITS

- Broad-spectrum control including crickets and grasshoppers
- Long residual activity
- Excellent tank-mix partner for IPM programs
- Gentle on most beneficials

KEY USES

- Grasslands
- Pastures
- Rangelands

PRODUCT NOTES

EPA REGISTRATION NUMBER
91234-103

ACTIVE INGREDIENT
Diflubenzuron 22%

FORMULATION
Suspension Concentrate

IRAC NUMBER
15

SIGNAL WORD
Caution

PACKAGE SIZE
4 x 1 gal

RESTRICTED USE
Yes

Refer to label for specific use restrictions.



Relevant. Simple. Reliable.

GRASSLAND USE INSTRUCTIONS

Pests	Application Rate (fl oz/A)	Application Timing
Grasshopper Mormon Cricket	1 - 2	Use one application on early instar (majority in the 2nd through 4th instar nymphal stages); use higher listed rate for pastureland.
	0.75 - 1	Use on rangeland only, in a RAATs (Reduced Area and Agent Treatment) application on early instars. A RAATs application is an IPM strategy that takes advantage of grasshopper movement and conservation biological, control to allow Durant 2 L IGR to be applied on rangeland on a reduced treated area and at reduced rates, while sustaining acceptable control. RAATs may provide ranchers with an economic means to reduce competition by these insects on their rangeland, depending on insect age and plant canopy. Using this program Durant 2 L IGR may be applied on as little as 50% of the infested acreage (e.g. skipping a 100 ft swath for every 100 ft treated), up to 100% infested acreage. The rate range to use per acre and amount of area treated will depend on grasshopper/Mormon cricket age, plant canopy and topography. Skip up to 50% of the infested area and use the lower rate under uniform topography with early instar ages and sparse vegetation. If the majority of the population is late instars, vegetation is dense, terrain is considered rough, and conditions are hot during treatment, increase the coverage and rate of Durant 2 L IGR up to a blanket (100%) coverage with 1 fl oz/A.
	0.5 - 1	If a second application is made, apply 2 to 3 weeks after the first application.
Lepidopteran foliage feeding caterpillars such as: Fall Armyworm Striped Grass Looper	2	For maximum control use Durant 2 L IGR at first sign of hatch outs and prior to larvae reaching fourth instars (<1/2 inch). Durant 2 L IGR must be ingested and larvae must molt before populations are reduced.
Horn Fly Face Fly	2	Apply Durant 2 L IGR for the control of horn fly and face fly emergence from cattle manure patties for two weeks or longer.
<p>Aerial application: For low/high volume application, apply in 2 to 10 gallons of water per acre. For rangeland ULV application, apply in a minimum of 12 fl oz total volume per acre.</p> <p>Ground application: For low/high volume application, apply in 2 to 30 gallons of water per acre. For rangeland ULV application, apply in a minimum of 12 fl oz total volume per acre.</p> <p>Regardless of application type, total spray volume used must ensure thorough coverage of the target crop. For aerial and ULV spray mixtures include an evaporation/drift retardant product at use rates prescribed on the specific product label, particularly when conditions are favorable for water evaporation (e.g., high air temperature and/or low humidity). When using oil type evaporation/drift retardant products, be sure to maintain a ratio of at least 2 parts water to 1 part oil. For low volume and ULV applications, make sure that the spray mixture in the boom contains the correct concentration of Durant 2 L IGR before application begins, and be sure that good agitation is maintained throughout mixing and application.</p> <p>Higher listed rates and gallonages are suggested for areas with dense vegetation, when nymphs are beyond the 3rd instar stage, and when climatic conditions are favorable for grasshopper/Mormon cricket survival and increase.</p> <p>Apply any time after eggs begin to hatch through early instars. Durant 2 L IGR remains active on the foliage and will continue to control larvae and grasshoppers/Mormon crickets that hatch later in the season. Durant 2 L IGR is not effective in controlling larvae and grasshoppers/Mormon crickets once they have reached the adult stage. Since it is an insect growth regulator, effects may not be seen until these insects have molted at least once. If adult grasshoppers/Mormon crickets from early hatching and/or overwintering species are present, tank-mix Durant 2 L IGR with a registered adulticide to control later hatching species. Check mixing compatibility and sprayability prior to transferring to the main spray tank.</p> <p>Besides a fatal incomplete molting, adult grasshoppers/Mormon crickets may exhibit missing posterior legs, hernias, abdominal segments malformed, twisted antennae, hemolymph exudation, and wrinkled wings. Additionally, they may move slower, have limited jumps and unsteady landings, show a reduction in feeding, have atrophy of posterior legs or be unable to fly. Any nymph/adult possessing these symptoms is likely more susceptible to predatory insects, birds and mammals.</p>		
Restrictions <ul style="list-style-type: none"> Do not apply more than 2 fl oz of Durant 2 L IGR per acre per application. Do not apply more than 6 fl oz of Durant 2 L IGR per acre per calendar year. Do not apply more than 12 applications per year. Allow at least 1 day after treatment before cutting grass. Apply only when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas). 		

Refer to product label for complete application and mixing instructions.

Durant™ 2 L IGR is an EPA Restricted Use Pesticide.

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KEY INSECTS

Carrion Beetle
Darkling Beetle
Face Fly
Fall Armyworm
Grasshoppers
Hide Beetle
Horn Fly
House Fly
Mormon Cricket
Stable Fly
Striped Grass Looper

(Refer to product label for complete list)