Supplemental Labeling

HELENA®

PENDIMETHALIN

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DIV. OF AG. RESOURCES

FOR DISTRIBUTION AND USE ONLY WITHIN IDAHO

EPA Reg. No. 241-337-5905 **EPA SLN No. ID-**000007A

FOR WEED CONTROL IN CLOVER GROWN FOR SEED PRODUCTION

OBSERVE ALL PRECAUTIONARY STATEMETNS, MIXING AND APPLICATION INSTRUCTIONS, AND ROTATIONAL CROP RESTRICTIONS IN THE HELENA® PENDIMETHALIN LEAFLET LABEL BEFORE USING.

ACTIVE INGREDIENT:

pendiemthalin (N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine)	37.4%
INERT INGREDIENTS*	62.6%
TOTAL	100.0%

(1 gallon contains 3.3 pounds of pendimethalin)
*Contains aromatic naphtha

KEEP OUT OF REACH OF CHILDREN
CAUTION!/PRECAUCION!
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)
In case of an emergency endangering life or property involving this product, call day of night, CHEMTREC 1-800-424-9300.

MANUFACTURED FOR
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **HELENA® PENDIMETHALIN** herbicide controls most annual grasses and certain broadleaf weeds as they germinate, but it will not control established weeds. Unusually cold, excessively wet, or hot and dry conditions that delay germination or extend it over a long period of time may reduce weed control.

Some stunting and chlorosis of the clover may occur with postemergence applications. Applications when clover exceeds 6 inches in height may result in poor weed control in the crop row due to possible reduced spray coverage to the soil. DO NOT exceed 4.8 quarts of product per acre in any one crop season. **DO NOT** apply this product through any type of irrigation system. Uniformly apply in 10 or more gallons of water per acre with ground equipment.

Apply **HELENA® PENDIMETHALIN** herbicide at optimum application timing for dodder or other weed control to established clover at a broadcast rate of 1.2 to 4.8 quarts per acre prior to weed emergence. Apply **HELENA® PENDIMETHALIN** before clover exceeds 6 inches in height.

HELENA® PENDIMETHALIN is most effective when mechanically incorporated, or when incorporated in the weed germination zone by rainfall or irrigation within 7 days of application.

DO NOT apply to seedling clover.

DO NOT USE on peat or muck soils.

Special Crop Restrictions: Use of this product according to this labeling is deemed a non-food and as such is not for use on fields producing clover for livestock feed. **DO NOT** feed or graze clover following **HELENA® PENDIMETHALIN** herbicide application. **DO NOT** cut treated clover for hay or for forage. **DO NOT** use harvested seed for sprouting. No portion of the treated field, including seed, seed screenings, hay, forage, or stubble may be used for human or animal feed.

Producers of clover seed who use this product, or cause the product to be used on a field they operate, are required to inform, in writing, conditioners receiving seed produced on fields treated with **HELENA® PENDIMETHALIN** herbicide. A copy of the labeling must be given by the producer to the conditioner. Processed seed must be labeled **"Not for human or animal consumption"**. All clover seed screening, hay forage and other crop by-products produced from treated fields after **HELENA® PENDIMETHALIN** application must be disposed of in such a way that it cannot be distributed or used for food or feed.

NOTE: If loss of clover stand occurs due to adverse weather conditions, any crop registered for **HELENA® PENDIMETHALIN** preplant incorporated use can be replanted the same year into **HELENA® PENDIMETHALIN** treated soil (<1.8 qt/A) without adverse effects. If replanting is necessary, soil should not be reworked deeper than the **HELENA® PENDIMETHALIN** treated zone.

HELENA® PENDIMETHALIN applied at 1.2 to 2.4 quarts per acre prior to weed emergence will control the following weeds:

GRASSES
Barnyardgrass (*Echinochloa crus-galli*)
Crabgrass (*Digitaria* spp.)
Crowfootgrass (*Dactyloctenium aegyptium*)
Fall Pnicum (*Panicum dichotomiflorum*)
Field sandbur (*Cenchrus incertus*)
Foxtail (giant) (*Setaria faberi*)
Foxtail (green) (*Setaria viridis*)
Foxtail (yellow) (*Setaria lutescens*)
Goosegrass (*Eleusine indica*)
Johnsongrass (from seed) (*Sorghum halepense*)
Signalgrass (*Brachiaria platyphylla*)
Texas panicum (*Panicum texanum*)
Witchgrass (*Panicum capillare*)

BROADLEAF WEEDS
Carpetweed (*Mollugo verticillata*)
Florida Pusley (*Richardia scabra*)
Kochia (*Kochia scoparia*)
Lambsquarter (*Chenopodium album*)
Pigweed (*Amaranthus* spp.)
Purslane (*Portulaca oleracea*)
Spurge, annual (*Euphorbia* spp.)

HELENA® PENDIMETHALIN applied at 2.4 to 4.8 quarts per acre prior to weed emergence will control the following weeds in addition to those listed above:

GRASSES
Bluegrass (annual) (*Poa annua)*
Browntop panicum (*Panicum fasciculatum*)
Itchgrass (*Rottboellia exaltata*)
Junglerice (*Echinochloa colonum*)

BROADLEAF WEEDS
Chickweed (common) (*Stellaria media*)
Dodder (*Cuscuta* spp.)
Fiddleneck (*Amsinckia intermedia*)
Henbit (*Lamium amplexicaule*)

GRASSES (CONTINUED)
Lovegrass (*Eragrostis* spp.)
Mexican sprangeltop (*Leptochloa uninervia*)
Red sprangletop (*Leptochloa filiformis*)
Shattercane (*Sorghum bicolor*)
Wild proso millet (*Panicum miliaceum*)
Woolly cupgrass (*Eriochloa villosa*)

BROADLEAF WEEDS (CONTINUED)
Knotweed (prostrate) (*Polygonum aviculare*)
London rocket (*Sisymbrium irio*)
Pennsylvania smartweed (*Polygonum pensylvanicum*)
Puncturevine (*Tribulus terrestris*)
Shepherdspurse (*Capsella bursa-pastoris*)
Velvetleaf (Buttonweed) (*Abutilon theophrasti*)

Rotational Crop Restrictions: The following crops may be planted after the indicated time interval depending on the crop and rate used.

	----------Rate per Acre----------		
Crop	**Less than 1.8 quarts**	**1.9 to 3.6 quarts**	**3.7 to 4.8 quarts**
Crops labeled for preplant incorporated application	same season	4 months	4 months
Wheat	4 months	12 months	18 months
Oats, red beets, sugar beets, spinach and other crops*	12 months	18 months	24 months

*Barley may be planted 12 months after an application of up to 2.4 quarts per acre.

To avoid crop injury, land should be plowed using a moldboard plow when greater than 1.8 quarts per acre are used, or when rotating to sugar beets, red beets, or spinach at any use rate.

This label must be in possession of the user at the time of herbicide application.

DISCLAIMER

THE USER ASSUMES ALL RISKS AND CONSEQUENCES ASSOCIATED WITH APPLICATIONS OF HELENA® PENDIMETHALIN TO CLOVER GROWN FOR SEED PRODUCTION

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EPA Reg. No. ID-000007A