

1021-1398

09/07/1984

Yellow Copy 1/4

7 SEP 1984

McLaughlin Gormley King Company
6610 Tenth Ave., North
Minneapolis, MN 55427

300
17
127,731

Gentlemen:

Subject: MGE Big Game Repellent Powder - BGR-P
EPA Registration No. 1021-1420
MGE Big Game Repellent
EPA Registration No. 1021-1398
Your Letters of August 6, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Make the labeling changes listed below before you release the product for shipment:

1. Revise "Storage and Disposal" statements as follows:

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry place inaccessible to children and pets. [Develop statements based on "Storage Instructions" factors 1 and 5 in PF Notice 83-3, pp 2, 3, if needed.]

PESTICIDE DISPOSAL: [See Appendix A on Page 7 of PF Notice 83-3.]

2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-75 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (75-767)

Enclosure

RD/IRE:Miller:DCR-40729:WANG-0417E:bgt:Raven:479-2013:8/28/84:Del. 9/7/84

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 7 1984

Under the provisions of the
Pesticide Act of 1947, this
as such is not a pesticide
registered under FFA Reg. No.

1021-1398

M cLAUGHLIN
G ORMLEY
K ING
Company

8810 Tenth Avenue N./
Minneapolis, Minnesota
55427

MGK®

BIG GAME REPELLENT CONCENTRATE 2103

For repelling black tailed deer (mule deer)
and Roosevelt elk that browse or uproot
conifer seedlings. Also repels white-tailed
deer from listed ornamentals and fruit trees.

ACTIVE INGREDIENTS:
Putrescent Whole Egg Solids

37%
63%
100%

U.S. Patents 3,980,773;
4,065,576; 4,065,577
Canadian Patent 1,048,408

CAUTION: KEEP OUT OF REACH OF CHILDREN

Wash hands, arms and face after use with soap and water.

Do not store near or contaminate feed or foodstuffs.

If spillage of concentrate occurs, dilute with water and flush away.

READ DIRECTIONS ON SIDE PANELS BEFORE USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MUST BE USED IN CONJUNCTION WITH FORMULA 2104

Net Contents _____

MC LAUGHLIN GORMLEY KING COMPANY
8810 Tenth Avenue North Minneapolis, Minnesota 55427

EPA Reg. No. 1021-1398

EPA Est. No. 44471-MN-01

DIRECTIONS FOR USE (continued)

NOTE: Browning and drop of old needles may occur on some evergreen species as a result of using this product.

Under favorable weather conditions, the repellent should reduce browsing for about eight to ten weeks. However, subsequent heavy rains, snow or frost or excessively high browse pressure may reduce effectiveness of treatment.

Method of Application:

Before applying, read entire label carefully. Apply only in the diluted form as specified.

Do not apply product excessively to seedlings. Mixtures or serial applications of BGR and Thiram (Thiram) may reduce repellency of BGR during the winter.

Established Plantations:

For use in established plantations on individual seedlings, use a pressurized handheld or backpacked garden sprayer. Hold nozzle of spray wand about 10" vertically above tip of terminal shoot. Spray terminal and first whorl to run-off. One gallon of diluted BGR should be applied per 400 seedlings 2-4 ft. tall. Treat each seedling to be protected.

Nurseries or Large Greenhouses:

For use in nurseries or large greenhouses, use a pressurized tank and a spray boom and assure complete coverage of seedlings to run-off by proper adjustment of tank pressure, nozzle size, number and opening, and boom height above bed and speed of travel. This will result in about 2 ml of solution per seedling.

Ornamental Shrubs Plantings:

Not recommended for use during bud break or flower bloom as foliage injury and petal drop may occur.

Fruit and Citrus Trees:

For use on bearing and non-bearing trees. On bearing trees use before flowering and leafing out and after harvest.

See Directions For Use for general information on BGR. To protect yew, Scotch pine, arborvitae, Douglas fir, flowering crab, hemlock, honeysuckle, azalea, and rhododendron, apply to terminal to the point of run-off. For large trees, apply only to the lateral branches that are within the animal's reach. Repeat as necessary to prevent browsing.

CARE OF EQUIPMENT

Promptly discard leftover spray and rinse spray equipment thoroughly with cold water immediately after use. Do not contaminate water by cleaning of equipment or discard of wastes.

Sprayer parts made of felt or leather which come in contact with spray should be saturated with oil or grease prior to use with BGR.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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STORAGE OF CONCENTRATE

Close BGR Concentrate Container tightly after withdrawing for dilution. Do not use or store near heat or open flame.

INSTRUCTIONS FOR MIXING AND DILUTION

Before diluting, thoroughly stir contents of container to completely mix before withdrawing paste.

Diluted spray solutions also are rendered unusable by freezing, and will spoil quickly at temperatures above 40°F. Protect them from heat and freezing until ready to use. Do not store them longer than one day; discard unused portion of solution.

BGR Concentrate 2103 can only be used with Formula 2104 to produce a Big Game Repellent Spray. Read the directions on this label and on F-2104 before mixing.

To make one gallon of ready to use BGR Spray, mix as follows:

- 17 ounces Concentrate 2103
- 16 ounces of Formula 2104, plus
- 95 ounces of water

Blend until thoroughly mixed.

To make less than one gallon BGR mix:

- 1 part Concentrate 2103
- 1 part Formula 2104
- 6 parts water

DIRECTIONS FOR USE

Use Only As Directed on this Label.

Weather Conditions:

Apply only to dry plants and only under climatic conditions favoring prompt drying of spray on seedlings, e.g. lightly breezy, mild dry weather with low relative humidity. Use of spray on wet plants or in damp and cold, foggy or misty weather, or precipitation occurring before spray can dry on seedlings will result in partial or complete loss of repellent and protection.

Conifer Seedlings

Seedling Conditions:

Seedlings to be protected from winter browsing and all seedlings in nurseries and greenhouses must be dormant and frost hardy before treatment.

Timing of Treatment:

To protect against winter browsing of dormant, frost-hardy growth, apply repellent upon onset of browsing. If browsing extends beyond two months, seedlings may be retreated.

To protect against spring browsing of new growth, apply upon onset of browsing, but preferably after bud break and before new shoots exceed 1" in length. Do not retreat new growth. Should spring browsing reach unacceptable proportions before bud break, repellent may be applied to unopened buds, but must then be reapplied after new growth averages 4" in length, provided browsing still persists at that time.

Seedlings in nurseries and greenhouses must be sprayed as close to lifting and outplanting as possible to realize maximum browse protection. Respray before lifting if more than 6 weeks have elapsed before first repellent application and lifting of stock.