

Crystalyx® Mineral-lyx® with ClariFly®

For Cattle on Pasture

Prevents the emergence of house flies, horn flies, face flies and stable flies from manure of treated cattle.

ACTIVE INGREDIENT:

Diflubenzuron* (CAS #35367-38-5)..... 0.02%

OTHER INGREDIENTS..... 99.98%

TOTAL..... 100.00%

*Contains 90.8 mg of diflubenzuron per pound.

GUARANTEED ANALYSIS

Crude Protein (Min)..... 4.00%

Crude Fat (Min)..... 3.00%

Crude Fiber (Max)..... 3.00%

Calcium (Min)..... 3.50%

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Phosphorus (Min)..... 4.00%

Salt..... none added

Magnesium (Min)..... 3.00%

Potassium (Min)..... 1.70%

Cobalt (Min)..... 5 ppm

Copper (Min)..... 500 ppm

Iodine (Min)..... 25 ppm

Manganese (Min)..... 2,000 ppm

Selenium (Min)..... 8.8 ppm

Zinc (Min)..... 1,500 ppm

Vitamin A (Min)..... 100,000 IU/lb

Vitamin D-3 (Min)..... 10,000 IU/lb

Vitamin E (Min)..... 100 IU/lb

FEED INGREDIENTS

Molasses Products, Calcium Phosphate, Magnesium Oxide, Processed Grain By-Products, Calcium Carbonate, Vegetable Oil, Manganese Sulfate, Roughage Products, Zinc Proteinates, Zinc Sulfate, Selenium Yeast, Copper Sulfate, Manganese Proteinates, Manganous Oxide, Copper Proteinates, Plant Protein Products, Zinc Oxide, Cobalt Proteinates, Vitamin E Supplement, Vitamin A Supplement, Vitamin D-3 Supplement, Mineral Oil, Ethylenediamine Dihydroiodide, Cobalt Carbonate, Calcium Iodate.

**KEEP OUT
OF REACH OF CHILDREN
CAUTION**



NET WEIGHT: 200 LB (90.7 KG)

Manufactured by:
Ridley USA Inc., 111 West Cherry Street, Suite 500, Mankato, MN 56001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

First Aid

IF SWALLOWED

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

IF ON SKIN

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES

Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes. Call a poison control center or doctor for treatment advice.

Emergency Assistance: Have the product container or label with you when calling a poison control center, doctor or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents) you may call 1-800-222-1222 24 hours per day, 7 days per week.

ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below mean high water mark.

DIRECTIONS FOR USE

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

RESISTANCE-MANAGEMENT

For resistance-management, please note that **Crystalyx® Mineral-lyx® with ClariFly®** contains a Group 15/diflubenzuron insecticide. Any insect population may contain individuals naturally resistant to this product and other Group 15 insecticides. The resistant individuals may dominate the insect population if these insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- * Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.
- * Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- * Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- * For further information or to report suspected resistance contact Ridley USA Inc. at (800) 869-7219.

DIFLUBENZURON

GROUP

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INSECTICIDE

FEEDING AND MANAGEMENT INSTRUCTIONS:

Provide CRYSTALYX® Mineral-Lyx with ClariFly® as a free choice source of minerals for your cattle. When used as directed, it will provide sufficient ClariFly® to inhibit fly emergence from the manure of treated cattle. Existing adult flies will not be affected. Start feeding this product early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity. Allow free choice to cattle. Cattle should consume an average of 0.8 oz of CRYSTALYX® Mineral-Lyx with ClariFly® per 100 lbs of animal body weight per day which is equivalent to 8 oz. per day for a 1,000-lb cow.

To Open: Remove top plastic cover and score several times with knife to encourage initial consumption.

1. Ensure cattle are not starved for nutrients prior to feeding this block.
2. This product contains added copper. Do not feed to sheep and other species that have a low tolerance to supplemental copper. Do not use in association with feeds containing supplemental selenium.
3. Offer cattle one CRYSTALYX® Mineral-Lyx with ClariFly® for every 15 to 25 head.
4. Remove all other self limiting nutritional supplements.
5. Locate CRYSTALYX® Mineral-Lyx with ClariFly® where cattle congregate (watering, loafing, shade areas).
6. Replenish CRYSTALYX® Mineral-Lyx with ClariFly® on a regular basis as needed.
7. If intake of this block is below 0.8 oz. per 100 lbs animal body weight per day for cattle, increase the number of feeding locations and/or change locations to areas more frequented by cattle. If intake of this block is above 0.8 oz per 100 lbs animal body weight per day for cattle, reduce the number of feeding locations and/or change locations to areas less frequented by cattle.
8. Introduction of this product after adult fly infestation is established may require treatment of cattle with supplemental sprays to reduce the adult fly population coming from outside sources.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

EPA Reg. No. 89459-7-7698

EPA Est. No. 7698-KY-002^H, 7698-SD-003^A, 7698-MN-003^B, 7698-TX-001^D

Superscript letter is the first letter in batch number.

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