

IGR PRO[™]

PROFILE

CRYSTALYX[®] IGR Pro[™] is a protein and vitamin supplement to help prevent adult horn fly emergence from manure.

CRYSTALYX[®] IGR Pro[™] allows for uniform consumption, 24/7 across the entire herd for maximum fly control as compared to other free choice supplements.



FEEDING APPLICATIONS:

Beef & Dairy

For beef and dairy cattle on pasture and feedlot animals. CRYSTALYX[®] IGR Pro[™] contains S-Methoprene Insect Growth Regulator (IGR) for continuous feeding to cattle through the horn fly season.

ABOUT THE PRODUCT:

- Recommended Dosage: 0.8 oz/100 lbs of body weight of CRYSTALYX[®] IGR Pro[™] per-animal, per-day (1000 lb animal should consume 8 oz/day)
- There has not been any reported insecticide resistance to IGR.
- IGR is especially effective in controlling horn fly larvae. Horn flies cause the greatest production losses when compared to other species in the livestock industry.
- IGR is a very safe product to use with no harmful impact to the environment or other beneficial insects.

How IGR Works

- Your livestock consume insect growth regulator as they lick the CRYSTALYX[®] IGR Pro[™] Protein Supplement.
- The IGR passes through the animal's digestive system.
- Cattle manure now contains IGR that stops the fly growth process and prevents larvae from reaching the adult stage.
- To Effectively break the horn fly cycle, 3 to 4 weeks of CRYSTALYX[®] IGR Pro[™] consumption is required for significant reduction in adult horn fly numbers. Greatest overall success is achieved when CRYSTALYX[®] IGR Pro[™] is started 30 days before the adult horn fly emergence.

Less Stress

Since Altosid[®] IGR Feed-Thru is administered within a CRYSTALYX[®] supplement, cattle don't need to be handled, as they do with sprays, pour-ons, dusts and ear tags.

More Consistent

Your cattle consume essential nutrients and Altosid[®] IGR consistently and uniformly by simply licking the highly palatable surface. CRYSTALYX[®] cannot be bitten, chewed or over-consumed due to the naturally self-limiting nature of the product.

Plus All the Advantages of CRYSTALYX[®]

- A highly effective nutritional supplement that helps improve body conditioning and reproductive efficiency.
- Helps improve forage utilization and can be an effective range management and grazing distribution tool.
- Convenient to use.
- A time and labor-saving way to supplement your herd's nutrition without investing in special feeding equipment.
- Economical cost per-head, per-day highlights an effective fly control program.
- Allows for more uniform supplement and IGR consumption over the entire herd for maximum fly control compared to other free-choice supplements.

Fly Control

Product Number

#370K - IGR PRO[™], 250 lb. Steel Barrel
IGR PRO[™], 200 lb. BioBarrel[®]
IGR PRO[™], 200 lb. Plastic Barrel

CRYSTALYX[®] 100-500

-continued on reverse side



CRYSTALYX[®] Brand Supplements
Dependable • Consistent • Safe



NUTRIENT ANALYSIS:

Crude Protein, min.....	18.0%
Crude Fat, min.....	3.0%
Crude Fiber, max.....	2.0%
Calcium (Ca), min.....	1.0%
Calcium (Ca), max.....	1.5%
Phosphorus (P), min.....	1.0%
Salt (NaCl).....	None Added
Potassium (K), min.....	2.0%
Magnesium (Mg), min.....	0.3%
Cobalt (Co), min.....	3.3 ppm
Copper (Cu), min.....	330 ppm
Iodine (I), min.....	17 ppm
Manganese (Mn), min.....	1,300 ppm
Selenium (Se), min.....	6.6 ppm
Zinc (Zn), min.....	1,000 ppm
Vitamin A, min.....	80,000 IU/lb
Vitamin D ₃ , min.....	8,000 IU/lb
Vitamin E, min.....	100 IU/lb

INGREDIENTS:

Molasses products, plant protein products, hydrolyzed vegetable oil, processed grain by-products, monocalcium phosphate, dicalcium phosphate, calcium carbonate, magnesium oxide, manganese sulfate, zinc sulfate, copper sulfate, copper chloride, ethylenediamine dihydride, calcium iodate, cobalt carbonate, sodium selenite, vitamin A acetate, vitamin D₃ supplement, vitamin E supplement.

FEEDING & MANAGEMENT:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. When used as directed, CRYSTALYX® IGR Pro™ will provide sufficient (S)-Methoprene insect growth regulator to prevent the emergence of adult horn flies from manure of treated cattle. Existing adult horn flies will not be affected. Start feeding before horn flies appear and continue to use until cold weather marks the end of the horn fly season. Allow free choice to cattle. Cattle should consume an average of 0.8 ounces of CRYSTALYX® IGR Pro™ per 100 lbs. of animal body weight per day, which is equivalent to 8 ounces per day for a 1,000 pound animal.

1. Assure cattle are not starved for nutrients prior to feeding CRYSTALYX® IGR Pro™.
2. Offer cattle one container of CRYSTALYX® IGR Pro™ for every 15-25 head of cattle.
3. Remove all other self limiting nutritional supplements.
4. Locate CRYSTALYX® IGR Pro™ where cattle congregate (watering, loafing, shade areas).
5. Replenish CRYSTALYX® IGR Pro™ on a regular basis as needed.
6. If intake of CRYSTALYX® IGR Pro™ is below 0.8 ounces per 100 pounds animal body weight per day, increase the number of feeding locations and/or change location(s) to areas more frequented by cattle.
7. If intake of CRYSTALYX® IGR Pro™ is above 0.8 ounces per 100 pounds animal body weight per day, reduce the number of feeding locations and/or change location(s) to areas less frequented by cattle.
8. Introduction of this product after adult horn fly infestation is established will require treatment of cattle with adulticides if elimination of the adult fly population is desired.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.

Storage: Store CRYSTALYX® IGR Pro™ 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 Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

This product contains high levels of copper. Consumption of this product by sheep or goats may result in copper toxicity.

ENVIRONMENTAL HAZARDS

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



WWW.CRYSTALYX.COM

U.S. Patent No. 6,244,217 - 6,390,024 - 6,561,133
6,337,097 - 6,561,787 - 6,716,022



CRYSTALYX® is a Registered Trademark of Ridley Block Operations
ALTOSID® Insect Growth Regulator is a Registered Trademark of Wellmark International