

# SMARTLIC<sup>®</sup>

S U P P L E M E N T S

## MINLIC<sup>®</sup> IGR

**A Nutritional Supplement Containing (S)-Methoprene Insect Growth Regulator for Continuous Feeding to All Classes of Beef and Dairy Cattle through the Horn Fly Season**

**MinLic<sup>®</sup> IGR** supplement is specially formulated to enrich the diet with essential minerals and sufficient (S)-Methoprene insect growth regulator to prevent the emergence of adult horn flies from manure of treated cattle without the added cost of supplemental protein. This unique supplement is second to none when compared to other low-moisture blocks. This block is the product of a state-of-the-art patented process that provides a unique 24-hour feeding system. **MinLic<sup>®</sup> IGR** is an exceptionally dense block that will give you the most for your money. Here's how:

- ✓ **MinLic<sup>®</sup> IGR** supplement is fortified with Altosid<sup>®</sup> which offers the most effective and convenient way to control horn flies in beef and dairy cattle.
- ✓ **Economical:** A low feeding rate means lower feeding costs (on a per head per day basis).
- ✓ **High Mineral Fortification:** This supplement is mineral and vitamin fortified which means that additional minerals do not need to be added to the diet, resulting in significant cost savings.
- ✓ **Weather Resistant:** The patented, "continuous flow" system creates a low-moisture, exceptionally dense block that maintains its integrity even in hot, humid weather or precipitation.
- ✓ **Minimal Labor:** **SmartLic<sup>®</sup> MinLic<sup>®</sup> IGR** supplement is easy to feed. Simply place the block in areas of easy access to cattle.
- ✓ **Returnable Steel Barrels** are economical and environmentally friendly and eliminate the expense of additional feeding equipment. Ask us about other available packaging options and packaging size options.



[smartlic.com](http://smartlic.com)

# MINLIC® IGR

## FEEDING & MANAGEMENT INSTRUCTIONS

When used as directed **MinLic® IGR** 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 use until cold weather marks the end of the horn fly season. Allow free choice to cattle. Cattle should consume an average of 0.4 ounces of **MinLic® IGR** per 100 lbs. of animal body weight per day, which is equivalent to 4 ounces per day for a 1,000 pound animal.

1. Assure cattle are not starved for nutrients in **MinLic® IGR** by providing them prior to feeding **MinLic® IGR**.
2. Offer cattle 1 block **MinLic® IGR** for every 15-25 head of cattle.
3. Remove all other self-limiting nutritional supplements.
4. Locate **MinLic® IGR** where cattle congregate (watering, loafing, shade areas).
5. Replenish **MinLic® IGR** on a regular basis as needed.
6. If intake of **MinLic® IGR** is below 0.4 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 **MinLic® IGR** is above 0.4 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.

## GUARANTEED ANALYSIS Contains Altosid®

ACTIVE INGREDIENT:

(S)-Methoprene (CAS #65733-16-6) ..... 0.01%

OTHER INGREDIENTS: ..... 99.99%

TOTAL ..... 100.000%

Calcium, minimum.....5.0%

Calcium, maximum .....6.0%

Phosphorus, minimum .....4.0%

Potassium, minimum .....2.5%

Magnesium, minimum .....3.0%

Cobalt, minimum ..... 10.0 ppm

Copper, minimum .....850 ppm

Iodine, minimum..... 42 ppm

Manganese, minimum ..... 3,400 ppm

Selenium, minimum ..... 13.2 ppm

Zinc, minimum ..... 3,400 ppm

Vitamin A, minimum ..... 120,000 IU/lb

Vitamin D, minimum ..... 12,000 IU/lb

Vitamin E, minimum..... 120 IU/lb

ALTOSID® Insect Growth Regulator is a registered trademark of Wellmark International. Made in U.S.A.

SmartLic® is a registered trademark of New Generation Feeds.

