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<b>US ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (75-767)</b> <b>WASHINGTON, DC 20460</b>	<b>EPA REGISTRATION</b> 1157-46	<b>DATE OF ISSUANCE</b> SEP 23 1986
	<b>TERM OF ISSUANCE</b>	
	<b>NAME OF PESTICIDE PRODUCT</b> Moorman's IGR Cattle Concentrate	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
<b>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</b>  Moorman Manufacturing Company 1000 1st Street, S.W. Washington, D.C. 20001-3000  <div style="position: absolute; right: 0; top: 0; font-size: 2em; font-family: cursive;">16/1/81, 376 18/1</div>		
<p><b>NOTE:</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"><li>1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires it of registrants of similar products to submit such data.</li><li>2. Add the phrase "EPA Registration No. 1157-46" to your label before you release the product for shipment.</li><li>3. Submit five (5) copies of your final printed labeling to the Agency before you release the product for shipment. Refer to the A-77 enclosure for a further description of final printed labeling.</li></ol> <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 3(c). The release for shipment of the product constitutes acceptance of these conditions.</p> <p>A stamped copy of the label is enclosed for your records.</p> <div style="text-align: right; margin-top: 20px;"> Arturo F. Castillo Acting Product Manager (17) Insecticide-Rodenticide Branch Registration Division (75-767C)</div>		
Enclosures: <input type="checkbox"/> ATTACHMENT IS APPLICABLE		
<b>SIGNATURE OF APPROVING OFFICIAL</b>		<b>DATE</b>



### IGR Cattle Concentrate

To prevent the breeding of horn flies in the manure of treated cattle.

A pesticidally active feed concentrate for cattle containing methoprene\* insect growth regulator for continuous feeding during the fly season.

ACTIVE INGREDIENT: methoprene (Isopropyl (2-E)-11-methoxy-3,7,11-trimethyl-2,1-2, 4-dodecadienoate)\*

INERT INGREDIENTS:

0.40%
99.60%
TOTAL 100.00%

#### GUARANTEED ANALYSIS

Crude Protein, not less than	35%
Crude Fat, not less than	5%
Crude Fiber, not more than	6%

#### FEED INGREDIENTS

Soybean Meal, Dehulled Soybean Meal, Corn Distillers Dried Solubles, Corn Gluten Feed, Mineral Oil, Cane Molasses.

\*As the insect growth regulator ALTOSID, a trademark of

ZOECON CORPORATION, A SANDOZ COMPANY

US Pats. 3,904,662 & 3,912,815

Use this product only as specified on the back of the bag

Keep out of reach of children

## CAUTION

Moorman Mfg. Co., General Office, Quincy, Illinois 62301-3496

EPA REG. NO.

EPA Est. 1157-IL-1

NET WEIGHT: 5 POUNDS



ACCEPTED  
with COMMENTS  
in EPA Letter D-1061

LOT NO.

SEP 23 1986

Under the  
Provisions of  
the Federal  
Insecticide, Fungicide,  
and Rodenticide Act  
1157-462

306?

### DIRECTIONS FOR USE

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

This product prevents emergence of adult horn flies from the manure of the treated cattle. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity. Introduction of the product when significant numbers of adult flies are present requires the use of adulticide sprays or dusts

The dosage of MoorMan's IGR Cattle Concentrate is proportional to body weight. The recommended consumption of this product is 0.0125 lb. to 0.025 lb. per 100 lb. of body weight per month (30 days) Feed by either of the following methods

#### Mixed with a Free-Choice-Fed MoorMan Cattle Minerals

Mix MoorMan's IGR Cattle Concentrate with a free-choice-fed MoorMan Mineral to produce an IGR Cattle Concentrate and mineral mixture containing 0.02% active ingredient (Methoprene) as shown in the following table.

IGR Cattle Concentrate	5 lb. ( 5%)
Free-Choice MoorMan Minerals	95 lb. ( 95%)
Total	100 lb. (100%)

Place the mixture of IGR Cattle Concentrate and minerals near watering or loafing areas and provide one feeder for each 15 to 20 head. Put out only a 5 to 7 day supply of the mixture at one time and protect it from the rain.

When the recommended mixture of IGR Cattle Concentrate and minerals is consumed at the rate of 0.25 lb. to 0.5 lb. per 100 lb. of body weight per month, this mixture provides 0.0125 lb. to 0.025 lb. of IGR Cattle Concentrate per 100 lb. of body weight per month.

#### Mixed-Ration Feeding

Thoroughly mix IGR Cattle Concentrate with grain or supplement to provide 0.0125 lb. to 0.025 lb. of IGR Cattle Concentrate per 100 lb. of body weight per month.

Use the following table as a guide for determining the proper mixing rate.

Body Weight (pounds)	Daily Grain or Supplement Consumption	
	2 to 4 lb.	5 to 10 lb.
	Pounds of IGR Cattle Concentrate Needed per Ton of Grain or Supplemental Feed	
500	2.1	—
600	2.5	1.0
700	2.9	1.2
800	3.3	1.3
900	3.8	1.5
1000	4.1	1.7
1100	4.6	1.8
1200	5.0	2.0
1300	5.4	2.2
1400	5.8	2.3
1500	6.3	2.5
1600	6.7	2.7

### STORAGE AND DISPOSAL

Do not contaminate water or feed by storage or disposal.

**STORAGE:** Store in dry area. Do not contaminate with pesticides or fertilizer

**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:** Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke