

Draft 7-27-83

BROCTM 15G
Trimethacarb Granular Insecticide

96.1%

ACTIVE INGREDIENT:

Trimethacarb* 15% by wt.

INERT INGREDIENTS 85% by wt.

*Trimethacarb is a mixture of 3,4,5- and 2,3,5-isomers of triethylphenyl
N-methylcarbamate.

EPA Reg. No. 264-381

EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN

CAUTION

HARMFUL IF SWALLOWED OR INHALED. ANTIDOTE IS ATROPINE
SULFATE. SEE STATEMENT OF PRACTICAL TREATMENT AND
OTHER PRECAUTIONARY STATEMENTS ON LEFT PANEL. READ THE
ENTIRE LABEL BEFORE USING THIS PESTICIDE.

IN CASE OF EMERGENCY, TELEPHONE COLLECT (24 HOURS A DAY)
(304) 744-3487

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P.O. Box 12014, T.W. Alexander Drive
Research Triangle Park, North Carolina 27709

BROCTM is a trademark of Union Carbide Agricultural Products Company, Inc.
for trimethacarb insecticide.

UCC No. _____

Made in U.S.A.

Net Contents _____

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24-201

DIRECTIONS FOR USE

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

Do not use BROOT 15G insecticide except as directed on this label or on other Union Carbide Agricultural Products Company supplemental labeling for this product.

STORAGE AND DISPOSAL

STORAGE: Do not store in or around the home. Store unused product in a cool, dry, locked area. Do not allow prolonged storage in areas where temperatures frequently exceed 115°F (45°C). Do not contaminate food, water or feed by storage or disposal. NEVER TRANSFER THIS PRODUCT TO ANOTHER CONTAINER FOR STORAGE.

PESTICIDE DISPOSAL: Unused pesticide that cannot be applied as directed on label instructions must be disposed of according to applicable Federal, state or local procedures.

CONTAINER DISPOSAL: NEVER REUSE EMPTY CONTAINERS. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities.

RECOMMENDED RATES AND APPLICATION DIRECTIONS

CROP	PEST	DOSAGE BROOT* 15G	SPECIFIC DIRECTIONS
Corn (Field and pop)	Corn rootworm	8 oz. per 1000 feet of row*	APPLICATION AT PLANTING: Apply BROOT* 15G granular evenly in a 6 to 8 inch band over the row. Incorporate the granules by applying behind the covering disc and ahead of the press wheel. DO NOT harvest within 90 days of application.

*See following chart for pounds per acre conversion

10000

ROW SPACING CHART

RECOMMENDED RATES OF BROOTM 15G INSECTICIDE ACCORDING TO ROW SPACING

Row Spacing (inches)	Amount of BROOTM 15G Per Acre Row Treatment at Planting Time
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40	6.7 lbs.
38	7.0 lbs.
36	7.3 lbs.
34	7.7 lbs.
32	8.2 lbs.
30	8.7 lbs.

Following is a table of suggested initial calibration settings for BROOTM 15G trimeethacarb granular insecticide applied at 8 ounces per 1000 row feet. Confirm accuracy of gauge settings under your operating conditions by calibrating each unit before application.

Applicator Type	SPEED (MPH)				
	4	5	6	7	8
	Gauge Setting				
John Deere 710C ²	10	12	14	15	17
John Deere 71	1/29 ³	2/2	2/5	2/6	2/11
Gandy ⁴	20	20	24	26	28
International Harvester Early Riser	1.90	2.10	2.40	2.75	3.05
Noble	10	11	13	14	16

¹ Based upon one hopper outlet per row

² Models after 1977

³ 1/29 = Range 1 and Notch 29

⁴ Rubber Rotor

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust.

Wear long-sleeved clothing while using. Remove contaminated clothing daily; wash before reuse. Wash exposed skin thoroughly with soap and water after use and before eating or smoking.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Salivation, Watery eyes, Pinpoint eye pupils, Blurred vision, Muscle tremors, Difficult breathing, Excessive sweating, Abdominal cramps, Nausea, Vomiting, Diarrhea, Weakness, Headache. In severe cases, convulsions, unconsciousness and respiratory failure may occur.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN below.

STATEMENT OF PRACTICAL TREATMENT

GENERAL:

Contact a physician immediately in all cases of suspected poisoning. If breathing stops, start artificial respiration, establish an airway and provide oxygen. Make certain to remove all sources of continuing contamination. Remove clothing and wash skin and hair immediately with large amounts of water. Transport the patient to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Never give anything by mouth to an unconscious or convulsing person. Call a physician and follow General advice listed above.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Call a physician and follow General advice listed above.

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NOTE TO PHYSICIAN

BACOT, trimeprcarb is a methyl carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the parasympathetic nervous system. These effects of overexposure are spontaneously and rapidly reversible.

Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested.

To aid in the confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Union Carbide Agricultural Products Company, Inc.

Consultation or therapy can be obtained at all hours by calling the Union Carbide emergency number: (304) 744-3487.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Treated granules exposed on soil surface may be hazardous to birds and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

LIMITED WARRANTY AND DISCLAIMER

1. The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experiences. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

2. This warranty does not extend to, and the buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions.
3. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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Mr. J. W. Lovell
Union Carbide Agricultural Products Co., Inc.
P.O. Box 12616
1191 Alexander Drive
Greensboro Triangle Park, NC 27769

Dear Mr. Lovell:

Subject: Proct 150 Trinitracarb Insecticide
Use of common name Trinitracarb in label ingredient statement
EPA Registration No. 264-381
Your Application Dated July 27, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

We have no objection to the proposed change in the source of the active ingredient of this product from Shell to Union Carbide.

We have no objection to the use of "trinitracarb" as the common name for this product. However, 40 CFR 162.10(g) states "the name use for each ingredient shall be the accepted common name, if there is one, followed by the chemical name. The common name may be used alone only if it is well known." Since trinitracarb has only recently been approved as the ANSI common name it should be followed on the label by the chemical name: 3,4,5-trimethylphenyl methylcarbamate, mixture with 2,3,5-trimethylphenyl methylcarbamate (approximately 4:1). This change should be made at your next printing of labeling.

Accession number 250110 has been assigned to the submitted volume of chemistry data.

Sincerely yours,

J. W. Lovell, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (95-767)

Enclosure

PCR-26454:12/27/83:CHI-100:Chedda:217:557-2300:1.1/10/00:pan

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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