

1 of 1

524-331

# RAMROD<sup>®</sup>

FLOWABLE HERBICIDE BY **Monsanto**

To remove booklet  
TAKE HOLD AT A "CORNER"  
and PULL UP!

Selective herbicide for preemergence weed control in field corn,  
hybrid seed corn, silage corn, and grain sorghum (milo).

Carefully follow detailed in

Read the entire label before using this product.

Keep out of reach of children.

**DANGER!**  
**PELIGRO!**

Read precautions on back panel.

Si usted no entiende la etiqueta, busque a alguien  
para que se la explique a usted en detalle. (If you do  
not understand the label, find someone to explain it  
to you in detail.)

**SHAKE WELL  
BEFORE USING**

Read "LIMIT OF WARRANTY AND LIABILITY"  
before buying or using. If terms are not acceptable,  
return at once unopened.

**NET 2.5 GAL.**

Use only according to label instructions.  
REFORMULATION OR REPACKAGING IS PROHIBITED.

ACTIVE INGREDIENTS:  
\*Propachlor, 2-chloro-N-isopropylacetamide..... 42.0%  
INERT INGREDIENTS:..... 58.0%  
100.0%

Contains petroleum distillates.  
\*Contains 480 grams/litre or 4 pounds/gallon of  
propachlor

**LIMIT OF WARRANTY AND LIABILITY**

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OF MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which

results from conditions of this Company, but to, incompatibility, those set forth in weather, weather and side the range of application site and when the product weather condition application range Directions, applica explicitly set forth ture conditions or specified in the Directions in or of vegetation.

THE EXCLUSIVE BUYER, AND LIABILITY OF THIS COMPANY SELLER FOR ALL

**ACCEPTED**  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-331

**BEST COPY AVAILABLE**

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### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

Keep out of reach of children.

#### DANGER! PELIGRO!

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**CORROSIVE. CAUSES SKIN BURNS.  
CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY.**

**HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.**

**CAUSES NOSE AND THROAT IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.**

Do not get in eyes, on skin or on clothing.

Avoid breathing vapor or spray mist.

Keep container closed.

**FIRST AID: IF ON SKIN,** immediately flush with plenty of water. Get medical attention. Sensitized persons should avoid further contact with contaminated clothing.

**IF IN EYES:** immediately flush with plenty of water for at least 15 minutes. Get medical attention.

**IF INHALED:** remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF SWALLOWED,** do NOT induce vomiting. Give large quantities of water. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

#### Personal Protective Equipment

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants; water-proof gloves; chemical-resistant footwear plus socks; protective eyewear; chemical-resistant headwear for overhead exposure; and chemical-resistant apron when cleaning equipment, mixing or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions

for washables, use detergent and hot water. Never and wash PPE separately from other laundry.

**Engineering controls statements:** When used, use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

#### User Safety Recommendations

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

In case of emergency involving this product, Call Collect, day or night, (314) 694-4000.

#### Environmental Hazards

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions are likely to cause drift from treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms. Do not contaminate water when disposing of equipment washwaters.

#### Physical or Chemical Hazards

In case of SPILL OR LEAK, soak up, remove and keep away from humans and domestic animals.

#### DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### Agricultural Use Requirements

This product only in accordance with labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE: STORE ABOVE 20°F AND BELOW 100°F TO KEEP PRODUCT IN SUSPENSION.**

Below 20°F the product may freeze. If frozen, well to resuspend when temperature is above 40°F.

Above 100°F the product may become thick and unsprayable.

**DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a tank approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed.

Do not reuse container. Triple rinse container, then puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(See label booklet for Complete Directions for Use)

\*Ramrod is a registered trademark of Monsanto Company

EPA Est. 32761-MO-3 EPA Reg. No. 524-3

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For more product information, call toll-free 1-800-332-3111.

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI, 63167 U.S.A.



#### Instructions in attached booklet

Labels beyond the control of Monsanto, but not limited to other products other than those in the Directions, unusual conditions which are not considered normal at the time of application, as well as conditions which are outside the scope of the label, as set forth in the Directions, moisture, or the presence of other substances in the soil, crop or treated area.

**INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.**

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

**LIMIT OF THE USER'S REMEDY OF THE USER'S LIABILITY OR ANY OTHER DAMAGES AND ALL LOSSES.**

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Selective herbicide for preemergence weed control in field corn, hybrid seed corn, silage corn, and grain sorghum (milo).

Ramrod is a registered trademark of Monsanto Company.

**Complete Directions for Use**  
SHAKE WELL BEFORE USING

EPA Reg. No. 5...  
1993 1 848 21 000 43

In case of an emergency involving this product, call 24 hours a day or night, (314) 694-4000.

MONSANTO COMPANY 1993 848 21 000 43

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI, 63167 U.S.A.

Read the entire label before using this product. Use only according to label instructions. Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened. REFORMULATION OR REPACKAGING IS PROHIBITED.

**LIMIT OF WARRANTY AND LIABILITY**  
This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPLICIT WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims, whether based on contract, negligence, strict liability, or other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including but not limited to, incompatibility with products other than those set forth in the Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not expressly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXPRESSIVE PURPOSE OF THE USER OR BUYER AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED OR AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

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**PRECAUTIONARY STATEMENTS**

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CAUSES NOSE AND THROAT IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or spray mist. Keep container closed.

**FIRST AID: IF ON SKIN**, immediately flush with plenty of water. Get medical attention. Sensitized persons should avoid further contact with contaminated clothing.

**IF IN EYES**, immediately flush with plenty of water for at least 15 minutes. Get medical attention.

**IF INHALED**, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

**IF SWALLOWED**, do NOT induce vomiting. Give large quantities of water. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**Personal Protective Equipment**

Applicators and other handlers must wear: coveralls, chemical-resistant footwear plus socks, eye protection, chemical-resistant headwear for overhead exposure, and chemical-resistant apron when required. Equipment mixing or loading.

Wash clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements. When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations:**

- Do not eat, drink, or use tobacco while handling this product.
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

In case of emergency involving this product, call 24 hours a day or night, (314) 694-4000.

**Environmental Hazards**

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions are likely to cause drift from

treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms. Do not contaminate water when disposing of equipment washwaters.

**Physical or Chemical Hazards**

In case of SPILL OR LEAK, soak up, remove and keep away from humans and domestic animals.

**ACTIVE INGREDIENT**  
Propachlor, 2-chloro-N isopropylacetanilide... 42.0%  
**INERT INGREDIENTS** ..... 58.0%  
100.0%

Contains petroleum distillates.  
\* Contains 480 grams/litre or 4 pounds/gallon of propachlor.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pest control regulation.

**Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and prohibitions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry manual. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is coveralls over long-sleeved shirt and long pants, water-proof gloves, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headwear for overhead exposure.

For more product information call toll-free 1-800-333-3444.

**Storage and Disposal**

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE** - STORE ABOVE 20 F AND BELOW 100 F TO KEEP PRODUCT IN SUSPENSION. Below 20 F the product may freeze. If frozen, mix well to resuspend when temperature is above 40 F.

Above 100 F the product may become thick and unsprayable.

**DISPOSAL** - Wastes resulting from the use of this product that cannot be used or chemically reprocessed

should be disposed of in a land-side disposal or in accordance with state or local procedures. (See the individual container label.)

**GENERAL INFORMATION**

This product is recommended for use on annual grasses and certain results it should be applied to crop or weeds emerge the firm and free of soil and made within 5 days after the application. Do not apply to soil, either as rain or water application to activate this product. Do not apply to soil, either as rain or water application to activate this product. Do not apply to soil, either as rain or water application to activate this product. Do not apply to soil, either as rain or water application to activate this product.

**SOIL TESTS**

Applicators should evaluate carefully to assure that the product is chosen. The recommended use rate for this product is specified on the label. Do not apply to soil, either as rain or water application to activate this product.

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Applicators should evaluate carefully to assure that the product is chosen. The recommended use rate for this product is specified on the label. Do not apply to soil, either as rain or water application to activate this product.

COARSE Sand  
MEDIUM Clay  
FINE Silt

Refer to the label for more information.

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