

SPECIMEN LABEL

Net Contents 5 lb

USDA Registration No. 8192-11

# Maloran<sup>®</sup>

50 WP HERBICIDE

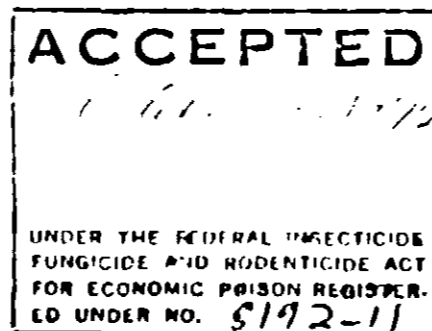
MALORAN 50 WP is a selective herbicide for preemergence weed control in field corn, soybeans, and Irish potatoes.

**Active Ingredient:**

3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea ..... 50%

Inert Ingredients ..... 50%

Total 100%



**Important:** Read entire directions for use, warning statements, and conditions of use and warranty before using this product.

**CAUTION:** KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS. May be harmful if swallowed. May cause eye damage. Avoid contact of dust or spray to eyes. Wear safety goggles when handling. In case of contact, flush with water and get medical attention. Avoid ~~contact~~ contact with the skin. Avoid inhaling dust or spray mist. Wear clean clothes and wash clothing before reusing. Wash hands with soap and water before eating, drinking, or smoking. Do not contaminate food or feed. Do not graze treated areas with livestock. Do not contaminate ponds or streams with washings from equipment. Destroy empty container by burning. Do not inhale smoke from burning containers.

**NOTE:** This product is toxic to fish. Keep out of any body of water. Apply this product only as specified on this label.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. In no case shall CIBA or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. CIBA and the seller offer this product, and the buyer and user accept it, subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of CIBA.

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CIBA AGROCHEMICAL COMPANY  
Division of CIBA-GEIGY Corporation  
556 Morris Avenue, Summit, New Jersey 07901

**DIRECTIONS FOR USE**

Apply MALORAN 50 WP in 25 to 40 gallons of water per acre to the surface of the soil with conventional power sprayers. Do not overlap spray applications.

Corn and Soybeans - Apply MALORAN 50 WP as a broadcast or as a band treatment to the surface of the soil at planting or at any time preemergence to crops and weeds. Corn and soybeans should be planted flat or on raised beds. Crop seeds should be planted to a depth of at least 1 3/4 inches or crop injury may result. Rates of application depend on soil texture and organic matter; see table below for the correct rate of MALORAN 50 WP per acre.

Do not use MALORAN 50 WP on corn and soybeans planted in deep furrows. Do not use MALORAN 50 WP on inbred parent stock seed corn. Do not use MALORAN 50 WP on corn and soybeans in California, Oregon, Washington, Montana, Idaho, Nevada, Arizona, Colorado, New Mexico, Utah, or Wyoming.

Potatoes - MALORAN 50 WP may be applied as a broadcast or as a band treatment to the soil surface after planting or after drag-off but preemergence to the crop. In Northern potato growing areas when crop emergence is delayed by cool weather, best results are obtained by applying MALORAN 50 WP just prior to crop emergence. Do not spray over top of emerged potatoes. Rates of application depend on soil texture and organic matter; see table below for the correct rate of MALORAN 50 WP per acre.

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Do not harvest immature potato tubers.

The broadcast rates of MALORAN 50 WP are:

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Use the lower rate on soils with minimum organic matter listed and the higher rate on maximum organic matter listed.

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Soil Texture	RATE OF MALORAN 50 WP PER ACRE			
	Organic Matter (%)	Pounds of MALORAN 50 WP Per Acre*		
		Corn	Soybeans	Potatoes
Silt loam	2.0-4.0	4.0-6.0	4.0-6.0	4.0-6.0
Clay	2.0-3.0	7.0-8.0	7.0-8.0	7.0-8.0
Clay loam	2.0-5.0	4.5-8.0	4.5-8.0	4.0-6.0
Sandy loam	1.0-2.0	2.0-3.0	2.0-3.0	4.0
Silt loam	1.0-2.0	2.5-4.0	2.5-4.0	4.0
Clay loam	1.0-2.0	3.0-5.0	3.0-5.0	4.0

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Soil Texture	Organic Matter (%)	Pounds of MALORAN 50 WP Per Acre*		
		Corn	Soybeans	Potatoes
Sand	Less than 1.0%	DO NOT USE - CROP INJURY		
Loamy sand		MAY RESULT		
Silt				
Silt loam				
Sandy loam				

\* NOTE: MALORAN 50 WP at the highest recommended rate may not give satisfactory weed control on high organic soils. Use the lower rate on the lightest soil type for each soil class.

For band treatment, the amount of MALORAN 50 WP required may be calculated by the formula:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \text{rate per acre for broadcast treatment} = \text{amount needed for band treatment}$$

MIXING INSTRUCTIONS: MAKE CERTAIN SPRAY EQUIPMENT HAS BEEN THOROUGHLY CLEANED BEFORE USING THIS PRODUCT. MALORAN 50 WP should be thoroughly mixed as a paste or thick slurry in a separate container before adding to the spray tank. The spray tank should contain 1/3 to 1/2 the total amount of water to be used before adding the slurry. Do not leave spray mixture in tank without constant agitation. Agitate by mechanical or hydraulic means. With hydraulic system, use a separate agitation line in addition to by-pass line. Both lines should terminate at the bottom of the tank to minimize foaming. Do not use in a sprayer equipped with an air sparger system. Screen openings should be 50 mesh. Use Tee Jet nozzle tips 8002 to 8006, or equivalent, for broadcast treatments or 8002E to 8006E, or equivalent, for band applications.

Calibrate sprayer accurately, and operate at a constant speed. If sprayer is slowed or stopped, shut off spray or overdosage may result in crop injury. Thoroughly clean sprayer immediately after use. Discard unused spray mixture in a safe place daily.

Manufactured for:

CIBA AGROCHEMICAL COMPANY, Division of CIBA-GEIGY Corporation,  
556 Morris Avenue, Summit, New Jersey 07901

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TABLE OF TOLERANCE LIMITS FOR SOILS

Soil Type	1-1/2% Organic Matter		2-1/2% Organic Matter	
	Minimum (ppm)	Maximum (ppm)	Minimum (ppm)	Maximum (ppm)
Very Low	1.5	2.0	1.5	2.0
Low	1.75	2.25	2.0	2.25
High	2.0	2.5	2.0	2.5

No salt water on sand or loamy sand nor on soil with less than 2% organic matter as crop injury may occur.

When the tolerance limits are exceeded, organic matter 1/2% or more will be present in the soil, which may be injurious to crops.

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