

97/98

(( BROCHURE ))

CHECK MATEJ EC

CAUTION: Do not graze the treated crops or cut for hay;  
sufficient data are not available to support such use.

AGRICULTURAL

HERBICIDE

A Selective Herbicide For Pre-emergent Annual Grass  
And Broadleaf Weed  
Control In Soybeans and Potatoes.

NET: 9.5 L

GUARANTEE:

Metolachlor .....300 g/L  
Linuron .....200 g/L

This product contains 21% of isophorone which has been determined  
to be of toxicological concern.

REGISTRATION NO.: 22282

PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

UNITED AGRI PRODUCTS  
R.R. #2  
Dorchester, Ontario  
N0L 1G5

Printed in USA  
CCL Label  
Sioux Falls, SD 11/1/93

GENERAL INFORMATION

CHECK MATE EC is a selective herbicide for pre-emergent annual  
grass and broadleaf weed control in soybeans and potatoes.

WEEDS CONTROLLED

CHECK MATE EC when applied according to label directions, will  
control the following weeds:

ANNUAL GRASSES: Barnyard grass, Fall panicum, Giant Foxtail, Green foxtail, Hairy crab grass, Old witch grass, Smooth crab grass, Yellow foxtail.

ANNUAL BROADLEAF WEEDS: Annual sow thistle, Common chickweed, Field pennycress, Goosefoot, Knotweed, Lady's-thumb, Lamb's-quarters, Nightshade, Pigweeds, Purslane, Ragweed, Shepherd's-purse, Velvet leaf\*, Wild buckwheat, Wormseed mustard.  
\*Partial Control

#### GENERAL INSTRUCTIONS

SEEDBED PREPARATION: Prepare a firm level seedbed free from lumps and surface trash. Do not use CHECK MATE EC on loose and rough seedbeds.

ROTATIONAL CROPS: Winter cereals may be planted 4½ months following application of CHECK MATE EC.

#### PRECAUTIONS

Use lower rates for lighter textured soils as indicated under "Rates of Application". Do not apply CHECK MATE EC on muck, peat muck or high organic matter soils. Do not apply CHECK MATE EC on sandy or coarse textured soils low in organic matter as crop injury might occur. Do not apply CHECK MATE EC at ground crack or after soybeans or potatoes have emerged.

Excessively heavy rainfall may leach CHECK MATE EC into the root zone resulting in crop injury. Alternatively, heavy driving rain may cause "splash-up" injury to young seedlings.

Pre-emergent treatments act mainly through the shoots and roots of germinating weed seedlings and, therefore, effect on weeds depends on adequate rainfall to move the herbicide into the soil. Optimum results are obtained when adequate rainfall occurs within 10 days of application. If dry conditions persist, annual grass and broadleaf weed control may not be adequate.

#### MIXING AND SPRAYING INSTRUCTIONS

- 1) Fill the spray tank ½ to ¾ full with clean water.
- 2) With agitation system engaged, add the required amount of CHECK MATE EC and then continue filling the tank with water.
- 3) Maintain sufficient agitation during mixing and spraying operations.

NOTE: Do not let tank contents stand for prolonged periods of time without agitation. If for any reason spraying is interrupted, agitate thoroughly before recommencing operations.

CAUTION: Avoid violent agitation of the materials in the spray tank. Excessive agitation may produce an invert emulsion causing coagulation.

- 4) Sprayer equipment should be thoroughly flushed with clean water and drained before and after use of CHECK MATE EC.

#### SPRAYER INFORMATION

Use nozzle screen not finer than 50 mesh size. Keep by-pass lines on or near the bottom of the tank to minimize foaming.

Spray Pressure.....200 - 300 kPa  
Spray Volume /ha.....170 - 340 L

#### METHOD OF APPLICATION

CHECK MATE EC may be applied either as an overall spray or as a band treatment. For band treatment, a suitable press wheel mounted ahead of the nozzle should be used for levelling the band. For band application, use proportionately less material. Where a range of dosage rates is given, use the lower rates on lighter soils (lower in clay and organic matter) and the higher rates on heavier soils.

#### SOYBEANS

SOYBEANS: TIMING OF APPLICATION: Apply CHECK MATE EC immediately after planting the crop, pre-emergent to the crop and weeds. Soybeans must be planted at least 4 cm deep in well prepared soil as free as possible from trash and clods or crop injury may result. If dry conditions result in inadequate weed control, shallow cultivation or rotary hoeing will control weed escapes and move the chemical into moist soil. Minimize exposure of untreated soil when cultivating. Rotary hoeing to break up crusted soil minimizes the risk of splash-up injury. DO NOT APPLY AT GROUND CRACK OR AFTER SOYBEANS HAVE EMERGED. DO NOT APPLY TO THE VARIETY VANSOY.

#### REPLANTING

If initial seeding of soybean fails to produce a stand, the same crop may be replanted in soil treated with CHECK MATE EC. Thoroughly rework soil before planting. Do not treat field with a second application of CHECK MATE EC as injury to the crop may result. Do not plant treated areas to other crops within 4 months after last application (4½ months for winter cereals), as injury to subsequent crops may result.

SOYBEANS: RATES OF APPLICATION:	
SOIL TEXTURE	RATE/HA

Light*	5.5 L
Medium*	6.0 L
Heavy*	6.5 L

\*Do not use on soil types containing less than 3% O.M. as crop injury might result.

#### POTATOES

POTATOES - EASTERN CANADA ONLY: TIMING OF APPLICATION: CHECK MATE EC must be applied before the emergence of either crop or weeds. After treatment, the soil should be left undisturbed for as long as possible. If beds are to be hilled, apply after the final hilling operation. DO NOT APPLY AT GROUND CRACK OR AFTER POTATOES HAVE EMERGED. DO NOT APPLY TO THE VARIETY SUPERIOR.

POTATOES: RATES OF APPLICATION:	
SOIL TEXTURE	RATE/HA
Light*	6.5 L
Medium*	7.5 L
heavy*	9.0 L

\*Do not use on soil types containing less than 3% O.M. as crop injury might result.

#### PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Do not take internally. Harmful or fatal if swallowed. Keep in original container during storage.

Irritating to eyes and skin. Avoid contact with eyes or skin. Wear protective clothing such as coveralls or a long-sleeved shirt and long pants and chemical-resistant rubber gloves.

Change contaminated clothing daily and wash separately from household laundry before reuse.

Do not handle product with bare hands. Chemical-resistant gloves significantly reduce hand exposure. It is important to wear gloves for mixing/loading/clean-up operations and when making sprayer and nozzle repairs and adjustments. Do not use leather or cloth gloves.

Rinse gloves with soap and water before removal and wash hands thoroughly before eating, drinking or smoking.

Do not allow spray or spray mist to contact plants other than those being sprayed. Do not contaminate food or feed products.

Do not contaminate streams, lakes, ponds, irrigation water, water used by livestock or water used for domestic purposes. Do not reuse container; destroy when empty.

#### FIRST AID

IF SWALLOWED: This product contains a petroleum distillate, do not induce vomiting. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Keep patient lying down and quiet. Transport the patient immediately to the nearest physician.

IF ON SKIN: Remove all contaminated clothing at once. Thoroughly wash skin with soap and water. Contact physician. Wash contaminated clothing separately from household laundry before reuse.

IF IN EYES: Flush immediately with plenty of water for at least 15 minutes. Contact physician.

NOTE: Metolachlor may cause skin sensitization reactions in certain individuals.

#### DISPOSAL

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

For Bulk Containers:

CONTAINER REFILLING AND DISPOSAL: This is a refillable container. If the container is to be refilled, do not rinse with any material or introduce any pesticide other than CHECK MATE EC. Reseal and return to an authorized UNITED AGRI PRODUCTS bulk site. Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. Check for leaks after filling and before transportation. Do not refill or transport damaged or leaking containers. For information on disposal of unused, unwanted product and the cleanup of spills contact the regional office of Environmental Protection, Environment Canada. If the container is not being refilled, refer to the label section on

"DISPOSAL".

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

((LABEL))

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