

92.02.10

PRIMEXTRA (R) LIQUID

AGRICULTURAL

HERBICIDE

Liquid Herbicide for Selective Weed Control in Corn

GUARANTEE:

metolachlor	300 g/L
atrazine	190 g/L
related active triazines	10 g/L

READ THE LABEL AND BOOKLET BEFORE USING

REGISTRATION NO.: 14,114
PEST CONTROL PRODUCTS ACT

CIBA-GEIGY CANADA LTD.
Agricultural Division
6860 Century Avenue
Mississauga, Ontario
L5N 2W5

PAMPHLET

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.

FIRST AID: If swallowed, immediately give large quantities of water and induce vomiting. Never give anything by mouth to an unconscious person.

Obtain medical attention. If in eyes, flush with large amounts of clean water for at least 15 minutes. If irritation persists, get medical attention. If on skin, remove contaminated clothing immediately. Wash skin thoroughly with soap and water.

NOTE: This product may cause skin sensitization reactions in certain individuals.

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN. Harmful if swallowed. Avoid contact with eyes or prolonged contact with skin. Avoid inhalation of vapours or spray mist. When applying the product wear a coverall over a long-sleeved shirt and long pants and chemical-resistant boots. Additionally, wear chemical-resistant gloves when servicing the sprayer and during cleanup. Persons involved in mixing/loading operations should wear the previously mentioned clothing, chemical-resistant gloves and a face shield.

Do not eat, drink or smoke when using product. Wear freshly laundered clothes daily. Wash hands and face before eating, drinking, smoking or using the toilet. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse.

This product should not be mixed/loaded within 30 metres of any wells, lakes, streams, ponds or sink holes in order to avoid the potential of well or surface water contamination. Do not use this product within 10 metres of the above mentioned water sources. Avoid contamination of food and feed, domestic or irrigation water supplies, lakes, streams and ponds. Do not apply this product through any type of irrigation system. Do not re-use container; destroy when empty or return refillable containers to dealer where purchased. Use only on corn. Do not apply at rates greater than 7.5 L/ha.

STORE IN A DRY PLACE.

Bulk sites must be diked around and under the bulk tank with an impermeable non-earthen dike. The dike must be large enough to hold and contain 110 percent of the capacity of the largest tank.

CAUTION: Do not graze or cut treated corn for fodder before ear emergence. There are not sufficient data available to support such use.

PRODUCT DECONTAMINATION AND DISPOSAL: For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Conservation and Protection, Environment Canada.

CONTAINER REFILLING OR DISPOSAL:

FOR DISPOSAL OF 10 L JUGS:

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.

FOR REFILLABLE CONTAINERS: If the container is to be refilled, do not rinse with any material or introduce any pesticide other than Primextra (R) Liquid. Reseal and return to an authorized CIBA-GEIGY 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.

If the container is not being refilled, refer to the section "FOR DISPOSAL OF 10 L JUGS".

WEEDS CONTROLLED:

Crabgrass (smooth & hairy)	Wild Mustard*
Barnyard Grass	Purslane
Foxtail (green, yellow, giant)	Prostrate Pigweed
Witchgrass	Buckwheat
Fall Panicum	Smart Weed
American Nightshade	Ragweed*
Lady's-thumb	Redroot Pigweed*
Yellow Nutsedge	Lamb's-quarters*

(Preplant Incorporated)

*Certain strains of these weeds have exhibited tolerance to atrazine applications, and thus may not be controlled by Primextra. Refer to specific recommendations in tank-mix section of this label or consult your local

agricultural authorities.

TIMING OF APPLICATION:

EASTERN CANADA	PRAIRIES, INTERIOR B.C.	COASTAL B.C.
Pre-plant Incorporated or Pre-emergence or Early Post	Pre-plant Incorporated or Pre-emergence if irrigated within 10 days	Pre-emergence only

PREPLANT INCORPORATED APPLICATIONS:

- Immediate incorporation is not necessary
- Incorporation equipment should include rolling or western harrows
- On sandy soils, heavy rainfall following incorporated treatment may cause leaching of herbicide.

INCORPORATION INSTRUCTIONS

TYPE OF EQUIPMENT	MAX. WORKING DEPTH	MINIMUM SPEED
"S"Tine Danish Cultivator	10 cm	10 km/hr
C-Tine Cultivator with overlapping sweeps	10 cm	10 km/hr
Tandem disc., maximum 18 cm. spacing between discs	10 cm	6 km/hr
Power driven Cultivator	5 cm	any

PRE-EMERGENT APPLICATIONS:

- Apply evenly to a firm lump-free seed bed.
- Rain is required within 10 days or a shallow cultivation or use of a rotary hoe is necessary.

EARLY POST-EMERGENT APPLICATION (EASTERN CANADA ONLY):

- Apply when corn is in the spike to 2-leaf stage and before weeds pass the 2-leaf stage. Some leaf burn may occur, but yield will not be affected. DO NOT tank-mix with fluid fertilizers, oils, oil concentrates or surfactants.

CAUTION: Do not apply to soils with less than 1% or more than 10% organic matter.

APPLICATION RATES - PRIMEXTRA ALONE:

WEED SEGMENT	TIME OF APPLICATION	LITRES OF PRIMEXTRA PER HECTARE	
		LIGHT WEED INFESTATION	MEDIUM WEED INFESTATION
Yellow Nutsedge*	PPI	6.4	7.25 - 7.5
Annual Grasses or Broadleaves	PPI, PRE or EARLY POST		

* Extended periods of dry weather may result in reduced nutsedge control.

N.B. For band treatment, a suitable press wheel mounted ahead of the nozzle should be used for levelling the band. Use proportionally less material.

TANK MIXTURES (EASTERN CANADA ONLY):

WEEDS CONTROLLED	TIMING	RATE PER HECTARE PRIMEXTRA	RATE PER HECTARE TANK MIX PARTNER +

Annual Grasses Broadleaf Weeds including triazine- resistant lambs-quarters and redroot pigweed	PRE	6.4 - 8.5 L	1.25 L Banvel* 480 or 0.75 to 1.5 kg Lorox**DF or 0.8 to 1.5 L Lorox** liq.
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+ DO NOT USE TANK MIXES ON SWEET CORN

Consult the label of the tank mix partner for application instructions, restrictions, rotational crops and use rates for various soil types.

APPLICATION IN LIQUID FERTILIZERS: Nitrogen solutions or complete liquid fertilizers may replace water as a carrier for preplant incorporated or pre-emergence application of Primextra in corn. Do not use fertilizer solutions for post-emergence application. Always predetermine the compatibility of Primextra tank mixes with your liquid fertilizer carrier by mixing small proportional quantities in advance.

DRY BULK GRANULAR FERTILIZERS: Many dry bulk granular fertilizers may be impregnated with Primextra for preplant incorporated application to control weeds in corn.

Prepare the herbicide/fertilizer mixtures by using any commonly used dry bulk fertilizer blender. Spray the herbicide uniformly onto the fertilizer. If the herbicide/fertilizer mixture is too wet, the use of a highly absorptive powder (generally less than 2% by weight), such as Microcel E, diatomaceous earth or finely powdered clay is recommended.

For best results, apply Primextra/fertilizer mixtures uniformly to the soil with properly calibrated equipment immediately after blending and incorporate according to label directions.

NOTE: Apply a minimum of 225 kg per hectare of dry granular fertilizer impregnated with recommended rates of Primextra.

PRECAUTIONS: Do not impregnate Primextra onto nitrate fertilizers, superphosphates, or limestone.

MIXING AND SPRAYING INSTRUCTIONS:

- . Spray Pressure - 200 - 300 kPa
- . Spray Volume/hectare - minimum 150 litres
- . Use 16 mesh suction screens, 50 mesh screens elsewhere on sprayer
- 1. Fill spray tank 1/2 full with carrier. Engage gentle agitation.
- 2. If tank mixing with Lorox, add the Lorox DF or Liquid to the tank and allow sufficient time to mix thoroughly.
- 3. Add Primextra directly into the tank.
- 4. Complete filling the spray tank with carrier and then add the Banvel if required when tank is 9/10 full.
- 5. Complete filling the spray tank with carrier maintaining gentle agitation during mixing and spraying operations.
- 6. Do not let stand without agitation.

WARNING:

Do not plant any crop other than corn in the same year on land treated with Primextra as injury may occur. The following year there is virtually no hazard to soybeans, white beans, corn, oats or barley (not underseeded to a legume) in Eastern Canada and Coastal British Columbia. Moldboard plow and till soil thoroughly before planting these rotational crops. In the Prairie Provinces and Interior British Columbia, corn must be planted the year following application. However, when the rotational crop is subjected to stress conditions, e.g. abnormally hot, dry weather, preceded by extended periods of dry weather the previous season, injury may occur. Do not tank mix with any other herbicide or additive unless listed on this label.

(R) Primextra is a registered trademark of CIBA-GEIGY CANADA LTD.

* Banvel is a registered trademark of Sandoz Crop Protection Corp.

* Lorox is a registered trademark of E.I. duPont de Nemours and Company

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