

# **CORN (FIELD AND SWEET) (NOT UNDERSEEDED TO LEGUMES) - SEEDLINGS UP TO 8-LEAF STAGE**

## General Information

### SECTION 1: GENERAL INFORMATION AND DIRECTIONS FOR USE

Timing: For best results spray when weeds are in the seedling stage. Apply in good growing conditions. Application must be made before the crop shields the weeds.

Sprayer: Wash the tank and clean all filters, screens and tips. Select nozzle tips to apply the recommended volume of water per hectare. Flood jet type tips are not recommended. Adjust boom height to ensure uniform coverage of weeds. For ground application, spray at 5-10 km/h. Ensure that all tips are in good condition and spraying the same volume.

Mixing: Half fill the tank with clean water. Add the required amount of IPCO BROTEX 240 Liquid Herbicide and agitate thoroughly. Fill the tank and agitate again before use.

#### AERIAL APPLICATION (wheat and barley only):

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rate and conditions of the label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on the label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions: Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application, as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on

Pest Management and Pesticides. Do not apply to any body of water. Avoid drifting of spray onto any body of water or other nontarget areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

Operator Precautions: Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions: Read and understand the entire label before opening this product. If you have questions, call Interprovincial Cooperative Limited at 1-204-233-3461 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: IPCO BROTEX 240 Liquid Herbicide plus either MCPA or 2,4-D must be applied in volume rates of not less than 20 L/ha. For best results when there is a heavy crop canopy, or when the majority of the weeds are cow cockle, green or pale smartweed, hemp-nettle, redroot pigweed or Canada thistle, a volume rate of 40 L/ha is recommended.

#### HERBICIDE RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, IPCO BROTEX 240 Liquid Herbicide is a Group 6

herbicide. Any weed population may contain or develop plants naturally resistant to IPCO BROTEX 240 Liquid Herbicide and other Group 6 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of IPCO BROTEX 240 Liquid Herbicide or other Group 6 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact your local Interprovincial Cooperative Limited representative, or call Interprovincial Cooperative Limited at 1-204-233-3461.

Store the container tightly closed away from seeds, fertilizer, plants and foodstuffs. This IPCO BROTEX 240 Liquid Herbicide formulation will solidify at temperatures below -20°C but will become useable again at temperatures above 0°C.

APPLICATION TIMING:

For best results, spray up to 4-leaf stage of weeds. Apply in good growing conditions. Application must be made before the crop shields the weeds.

### Limitations, Restrictions, and Exceptions

IPCO BROTEX 240 Liquid Herbicide used ALONE

Spray volume and pressure: Apply in 200–300 L water per hectare at a pressure of 275 kPa. DO NOT APPLY BY AIR.

Timing: Corn may be treated with a broadcast post-emergence application at the recommended rate from the 4-leaf stage onward. To ensure adequate coverage of weeds, drop pipes should be used when corn is beyond the 8-leaf stage or for a second application for later germinating weeds such as cocklebur and velvetleaf.

Application rate: 1.2–1.4 L/ha. (9.7 L treats 6.9–8.1 ha.) Use of the higher recommended rate will improve control when heavy infestations of weeds are present.

IPCO BROTEX 240 Liquid Herbicide is a contact herbicide thus good coverage of the weeds is essential.

Note: Temporary crop injury in the form of leaf scorching may occur in adverse growing conditions (especially if applied during or after periods of cool and wet, or hot and humid weather conditions). DO NOT ADD OIL OR SURFACTANT.

### Method

[Broadcast/Foliar Ground](#)

### Rates

[field\\_rates 0](#)

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### Timings

[When weeds are in the seedling stage.](#)

[Post-emergence application at the recommended rate from the 4-leaf stage onward.](#)