

## **ESTABLISHED TURF**

### General Information

General Precautions: Keep in the original container. Do not store near seeds, fertilizers, and insecticides, fungicides, feed or food. DO NOT apply to fruits, vegetables and the exposed roots of trees and ornamentals. Do not apply Premium 2-Way XP Turf Herbicide Liquid during hot, dry spells. Do not mow for a least 3 days before spraying. Do not spray if rain is forecast. Do not apply to newly seeded lawns. Wait until after the third mowing.

Environmental Precautions: DO NOT apply this product directly to freshwater habitats such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands, estuaries or marine habitats.

DO NOT contaminate irrigation/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Toxic to small mammals, birds, aquatic organisms and non-target terrestrial plants.

Observe buffer zones specified under DIRECTIONS FOR USE.

This product may harm other broadleaf plants in the vicinity of the treatment area. If applying this product using a handheld sprayer, do not directly spray or allow the spray to drift onto ornamentals or gardens.

### Leaching

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow and to minimize possible contamination of groundwater, the use of spot treatment application is recommended.

### Run-off

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with moderate to steep slope, bare soil, compacted soil, or clay. Avoid application of this product when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a strip of untreated vegetation between the

treated area and the edge of the water body. To prevent runoff, avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

Rates to Use: 60 mL in 10 litres of water per 100 square metre. For large areas use 5 litres in 300 litres of water/per hectare. Transfer System: For containers larger than 20 L, use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

Maximum Application Frequency to Turf: DO NOT apply more than two broadcast applications per season. This does not include spot treatments.

Re-Entry Intervals for Turf: Do not allow people (other than applicators) or pets on treatment area during application. Do not enter treated areas until spray has thoroughly dried.

Application Notes: On Bentgrass apply only as a spot treatment. Bentgrass around the weed may be injured or killed. Do not apply IPCO Premium 2-Way XP Turf Herbicide during hot, dry spells. Do not mow for at least 3 days before spraying. Do not spray if

rain is forecast. Do not apply to newly seeded lawns. Wait until after the third mowing.

If weed populations do not warrant a broadcast application (e.g. entire lawn), consider

spot treatments that target only weedy areas. This product is only effective when applied

to the leaves of actively growing weeds. This product will not prevent weeds - apply only

when weeds are present. DO NOT apply to fruits, vegetables and the exposed roots of

trees and ornamentals.

Field Sprayer Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. Boom height must be 60 cm or less above the crop or ground.

## BUFFER ZONE INFORMATION

### Buffer Zones to Protect Sensitive Habitat

Use of the following spray methods or equipment DO NOT require a buffer zone: handheld or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), and estuarine/marine habitats.

**RESISTANCE MANAGEMENT RECOMMENDATIONS:** For resistance management, IPCO Premium 2-Way XP contains Group 4 herbicides. Any weed population may contain or develop plants naturally resistant to IPCO Premium 2-Way XP, and other Group 4 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 Premium 2-Way XP or other Group 4 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 Interprovincial Cooperative Ltd. at 1-204-233-3461

Method

[Broadcast/Foliar Ground](#)

Restricted Entry Interval

12 hours

Timings

[When weeds are growing actively and temperature is not over 30°C in May or early June or late August and early September.](#)