

2014-1102  
2014-04-02

[FRONT PANEL - ENGLISH]

**GREEN CROSS®**

**KILLEX® 500  
LIQUID TURF HERBICIDE  
CONCENTRATE**

COMMERCIAL  
NON-VOLATILE

INCLUDES RATES FOR  
COOL CONDITIONS

NET CONTENTS: 10 L, 15 L, 55 L, 80 L, 110 L, 200 L, 500 L, Bulk

Specially formulated for hard-to-kill weeds in turf (parks, lawns,  
golf courses, etc.).

Contains amines of mecoprop, 2,4-D and dicamba.

GUARANTEE:

2,4-D	385.25 g.a.e./L
Mecoprop-P	75.00 g.a.e/L
Dicamba	18.75 g.a.e/L

(all present as dimethylamine salt)

REGISTRATION NO.: 27975  
PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BACK PANEL BEFORE USING  
PROTECT FROM FREEZING

Scotts Canada Ltd.  
2000 Argentia Road  
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1-800-668-5669

**CAUTION**



**POISON**

**DANGER - EYE IRRITANT**

[BACK PANEL - ENGLISH]

Controls dandelions, plantains, chickweed, clover, black medick (yellow clover), heal-all, ground ivy (creeping Charlie), knotweed, ragweed, shepherd's-purse, wormseed mustard, prickly lettuce, mallow (young stages), and many other common weeds of turf.

**DIRECTIONS FOR USE:**

- This product is only effective when applied to the leaves of actively growing weeds. This product will not prevent new weeds - apply only when weeds are present.
- DO NOT apply more than two broadcast applications per season. This does not include spot treatments.
- If weed populations DO NOT warrant a broadcast application (e.g., entire lawn), consider spot treatments that target only weedy areas.
- DO NOT apply by air.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- TOXIC to broadleaf terrestrial plants. 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.
- To prevent runoff, DO NOT apply to driveways, sidewalks or any other hard surface.
- DO NOT apply to the exposed roots of trees and ornamentals.
- DO NOT irrigate within 24 hours after application. Rain before 6 hours after treatment may reduce effectiveness. Keep off area until dry.
- As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.
- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- 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.

**TURF: (Other than Bent Grass)** - Apply at the rate of 2.75 - 3.24 L/ha (27.5 - 32.4 mL/100 m<sup>2</sup> or 0.9 - 1.06 oz./gal./1,000 ft<sup>2</sup>) in sufficient water for adequate coverage (300 - 1,500 L/ha). Use the higher rate under cool conditions when weeds are growing less actively. Maximum kill of weeds will be obtained from spring or early fall application when weeds are actively growing. Avoid applying during excessively hot or dry periods unless adequate

irrigation is available to provide good growth of grass and weeds. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be safely sown 1 to 2 weeks after application at recommended rate.

**BENT GRASS TURF:** On closely mowed bent grass (putting and bowling greens, etc.), apply Green Cross® Killex® 500 Liquid Turf Herbicide Concentrate at a maximum rate of 15 mL/100 m<sup>2</sup> (0.5 oz./1000 ft<sup>2</sup>) preferably in May, or mid-August through September. Slight turf yellowing will disappear after about one week.

**NOTE:** Care should be taken to avoid overdosing bent grasses. Large volumes of water (15 mL in 20 L of water per 100 m<sup>2</sup> or 0.5 oz. in 4 gal. of water/1000 ft<sup>2</sup>) will aid in obtaining uniform coverage.

**Fertilizer Tank Mix:** Green Cross® Killex® 500 Liquid Turf Herbicide Concentrate is compatible with liquid fertilizers such as GREEN CROSS® Liquid LAWN GREEN® 15-5-5 or \*FeRROMEC (minimum 9 L of water/100 m<sup>2</sup>). Follow all fertilizer label directions.

**BUFFER ZONES TO PROTECT SENSITIVE HABITAT:**

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held 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 shrub lands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), and estuarine/marine habitats.

Seasonal water bodies require buffer zones if there is water in them during application. Water bodies which do not fill on an annual basis need not be buffered.

Method of Application	Crop	Buffer Zones**(metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer*	Turf, Golf Courses	1	1	2	1	10

\* For field sprayer application, buffer zones can be reduced with the use of drift-reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

\*\* When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN. May cause severe eye irritation and reversible eye damage.** Wear goggles when handling this product. This product may cause skin sensitization reactions in certain individuals. Keep in original container during storage. Do not allow spray, spray mist, visible or invisible vapours, or air containing mist or vapours to contact plants other than those being sprayed. If 2,4-D susceptible plants are growing within a distance of 400 m from the area being sprayed, spray only when there is a light breeze away from the susceptible plants. Spray drifting can be reduced by using high volume sprays under low pressure and coarse sprays. Susceptible crops include grapes, tomatoes, tobacco, sugar beets, sunflowers, beans, turnips, cauliflower and cabbages, as well as many other field, vegetable, ornamental and fruit crops. Do not contaminate streams, lakes, ponds, irrigation water, water used for livestock or for domestic purposes. Do not store open container near seeds, feeds, fertilizers or pesticides, including insecticides, fungicides and weed killers other than those containing 2,4-D. Sprayers which have contained Green Cross® Killex® 500 Liquid Turf Herbicide Concentrate should not be used to apply other pesticides to 2,4-D susceptible crops.

**Personal Protective Clothing & Equipment:**

- **When mixing/loading,** wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes and protective eye wear (face shield or safety glasses). Rinse gloves before removal. Coveralls should also be worn when open pouring from containers. When handling more than 687.8 L per day of 2,4-D, workers must also use a closed system.
- **When applying the dilute spray solution or during clean-up or repairing equipment,** wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor.
- **Application Using Groundboom Equipment:** Applicators must wear coveralls over a long-sleeved shirt and long pants. Chemical-resistant gloves must also be worn during clean-up and repair activities.

**Operator Use Precautions:**

- Wear freshly laundered clothing and clean protective equipment daily.
- Rinse gloves before removal.
- Wash hands before eating, drinking, using tobacco or using the toilet.
- If herbicide penetrates clothing remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

- After using this product, remove clothing and launder separately, and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower using soap and water.

**Re-entry Interval:**

- Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treated areas until spray has thoroughly dried.

**Maximum Application Frequency to Turf:**

- For good turf/lawn management, normally two applications per year per treatment site are adequate. This does not include spot treatments.

**Transfer System:**

- 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.

**ENVIRONMENTAL HAZARDS:**

TOXIC to small wild mammals, birds, aquatic organisms and non-target terrestrial plants. This product will harm other broadleaf plants in the vicinity of the treatment area. Observe buffer zones specified under DIRECTIONS FOR USE.

**SURFACE RUNOFF**

- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.
- To prevent runoff from domestic uses avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

**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 of water table is shallow.

**FIRST AID:**

**If on skin or clothing**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. **If in eyes**, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. **If swallowed**, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything

by mouth to an unconscious person. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

This product may cause severe irritation to the eyes, and irritation to the skin and mucous membranes. Symptoms of overexposure may include coughing, burning, dizziness, loss of appetite, weight loss, vomiting, decreased heart rate, shortness of breath, excitement, tenseness, depression, incontinence, cyanosis, muscle spasms, exhaustion and loss of voice or temporary loss of muscle coordination. Other possible effects of overexposure include fatigue, muscle weakness or nausea. Treat symptomatically.

**DECONTAMINATION AND DISPOSAL:**

Follow the following steps for disposable containers:

1. Triple- or pressure-rinse the empty container. 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 disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

Product Use Information: 1-800-668-5669

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[TEXT FOR STICKER - ENGLISH]

**REDUCED ODOUR FORMULA**

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