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CIVITAS WEEDfree™ BRAND Concentrate

LIQUID

A specially formulated microtechnology for hard-to-kill weeds in turf (parks, lawns, golf courses, etc.) Contains amines of mecoprop, 2,4-D and dicamba

CONTROLS LAWN WEEDS LISTED ON LABEL

COMMERCIAL

GUARANTEE:       2,4-D (present as dimethylamine salt) 6.33 g a.e./L  
                      Mecoprop-P (present as dimethylamine salt) 4.04 g a.e./L  
                      Dicamba (present as dimethylamine salt) 0.78 g a.e./L

[www.suncor.com/patents](http://www.suncor.com/patents)

REGISTRATION NO.: 30532 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

PROTECT FROM FREEZING

NET CONTENTS: 4-1050 litres

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[Alternate claims:]

[Patent Pending]

[Low Odour Formula]

[Reduced Active Ingredient formula using Microtechnology]

[Effective, resourceful weed control]

Controls broad-leaved plantain, narrow-leaved plantain, black medick, and white clover.  
Suppresses dandelion.

**DIRECTIONS FOR USE:**

This product is only effective when applied to the leaves of actively growing weeds. This product will not prevent the emergence of 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 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.

DO NOT apply to 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) medium classification. Boom height must be 60 cm or less above the crop or ground.

**TURF (Other than bent grass):** Apply at the rate of 35-70 L per hectare (350-700 mL on 100 square metres) with the specified amount of water. Table below provides the recommended product rate and spray volume. Use the higher product rate when weed pressure is high, especially when there is heavy dandelion.

<b>Product Rate (CIVITAS WEED WEEDfree™ BRAND Concentrate/Hectare)</b>	<b>Spray Volume (water/Hectare)</b>
35L	200 to 500L

70L	500 to 1000 L

20L product can treat 2860 to 5710 m<sup>2</sup>.

Avoid overlapping between spray patterns. Do not tank mix with liquid fertilizers that contain nitrates. Repeat treatment after 4 weeks if necessary, up to 2 applications per area per year.

For spot treatment using hand-operated sprayers, dilute 1 part of the product with 12 parts water to make about 7.5% solution in water. Hold sprayer about 30 cm from weed and spray to lightly wet weeds.

Maximum kill of weeds will be obtained from spring or early fall application when weeds are actively growing. Avoid applying during long excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours of application. Keep off area until dry. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be safely sown 1 - 2 weeks after application at recommended rate.

DO NOT apply to bent grass turf

Turf injury may be observed as tanning or browning of leaf edges, brown patches, or as leaf curling. However, the turf should recover. The first use of CIVITAS WEEDfree™ BRAND Concentrate should be limited to a small area to confirm tolerance prior to adoption as a general field practice.

### Buffer Zones:

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 shrublands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:		
		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
		Less than 1 m	Greater than 1 m	
Field sprayer	Turf	1	1	2

### PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. 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 metres 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, coarse sprays and drop nozzles. 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 or brush killer. Sprayers which have contained this product should not be used to apply other pesticides to 2,4-D susceptible crops.

### **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 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 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. **LEACHING:** To minimize possible contamination of groundwater the use of spot treatment application is recommended in areas where soils are permeable (e.g., sandy soil) or the water table is shallow. **RUN-OFF:** To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a 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.

**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. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person. Take the 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. Overexposure to 2,4-D may cause coughing, burning, dizziness or temporary loss of muscle coordination. Other possible effects of overexposure include fatigue, muscle weakness or nausea. Treat symptomatically.

**DISPOSAL:**

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.

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