

**WILSON
TURF-RITE[®] 2 + 2
DOUBLE STRENGTH HERBICIDE**

Contains mecoprop-p and 2,4-D for use on turf

SOLUTION

COMMERCIAL

REGISTRATION NO. 27969 PEST CONTROL PRODUCTS ACT

GUARANTEE:

2,4-D, present as the dimethylamine salt 200 g a.e./L
Mecoprop-p, present as the dimethylamine salt 200 g a.e./L

**DO NOT FREEZE
SHAKE WELL BEFORE USING**

WARNING



POISON

**READ THE LABEL BEFORE USING
KEEP OUT OF THE REACH OF CHILDREN**

NET CONTENTS: 4 L (9.5 L) (20 L) (205 L)

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DIRECTIONS FOR USE:

General information: This product contains mecoprop and 2,4-D. This combination controls a wide range of different weeds as mecoprop is effective on certain weeds which are resistant to 2,4-D such as black medick, chickweed and white clover. 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. If weed populations do not warrant a broadcast application (e.g., entire lawn), consider spot treatments that target only weedy areas.

Weeds controlled: Results show in 5 to 7 days after spraying. Annual and perennial broad-leaved weeds – bindweed*, black medick, buttercup, Canada thistle, chickweed, clover, corn spurry, curled dock, dandelion, dock, English daisy, fall hawkbit, grass-leaved stitchwort, ground-ivy (creeping Charlie), knotweed, mallow**, mossy stonecrop, narrow-leaved plantain (ribgrass), ox-eye daisy, ragweed, shepherd's purse, speedwell, thyme-leaved sandwort, wild white clover and poison ivy. This product is suitable for use on turf-grass, other established grass areas, vacant lots and along fence rows.

* Temporary control ** Young stages

Rate of application: Select the proper rate from this range depending on size and species of weeds present, time of year and weather conditions. DO NOT USE on bent grass to avoid injury.

Area	Product Rate	Water Volume
100 m ²	40–50 mL	3–8 L
1 ha	4.25–5.50 L	275–825 L

DO NOT apply by air.

Transfer System: Container larger than 20 L. Use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

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.

Time of application: For best results in selective weed control, the weeds should be actively growing. Therefore, application during the months of May, June and September is preferred. The effectiveness of a treatment in July and August will depend on general weather conditions. If it is hot and dry during that period, a second treatment may be necessary. If it rains within 24 hours after spraying, a repeat application may be required. Avoid mowing for several days before and after treatment. For ground-ivy (creeping Charlie), apply a spot treatment in June when the plants are young. A follow-up application in September is often necessary. For knotweed, apply in May or early June when the young plants come up. NEWLY SEEDED AREAS should not be sprayed within 4 weeks after grass emergence and then use only half the recommended rate for the first month. DO NOT apply more than two broadcast applications per season. This does not include spot treatments. DO NOT contaminate irrigation/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

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.

Tank mixtures with dicamba herbicide: If a combination of this product with dicamba is required, mix 4.25 L of **WILSON TURF-RITE® 2 + 2 DOUBLE STRENGTH HERBICIDE** with 275 mL of Dycleer® 24 Liquid Herbicide (equals 100 g active dicamba) in 275–825 L of water for spraying one hectare. The addition of dicamba will extend the period during which prostrate knotweed can be controlled. Do not use on bent grass.

Cleaning equipment: All equipment must be cleaned thoroughly after use. Fill with hot water and detergent; flush all parts several times. Let sprayer stand with solution for 24 hours, then rinse with water. It is often more convenient to use a separate sprayer with coarse nozzles for applying weedkillers.

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. 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.

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.

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	1	0	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%.

† For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

ENVIRONMENTAL HAZARDS: Toxic to small wild mammals, birds, aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

This product will harm other broadleaved 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. Do not spray exposed roots of trees and ornamentals.

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.

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. To prevent runoff from domestic uses avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

RESISTANCE MANAGEMENT: For resistance management, Wilson Turf-Rite 2+2 Double Strength Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Wilson Turf-Rite 2+2 Double Strength Herbicide 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 Wilson Turf-Rite 2+2 Double Strength Herbicide 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 Agrium Advanced Technologies at 1-800-461-6471.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Avoid breathing spray mist. Avoid spray drift.

Personal Protective Clothing and 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 1325 L per day **of the active 2,4-D** (approximately 120 ha at highest agricultural rate – 2.24 kg a.e./ha), workers must also use a closed system.
- When applying the dilute spray solution or during clean-up and repairing equipment, 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. Gloves are not required during application when applicator is in an enclosed tractor.

Application Using Handheld Equipment: Applicators must wear coveralls over a long-sleeved shirt, long pants, and chemical-resistant gloves.

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. 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 or MCPA 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 volumes of water sprayed under low pressure, using coarse spray nozzles.

Susceptible crops include:

beans	cauliflower	sugar beets	tobacco	turnips
cabbage	grapes	sunflowers	tomatoes	

as well as many other field, vegetable, ornamental and fruit crops. Do not contaminate any body of water, or watercourse, water used for livestock or for domestic purposes. Do not store open container near food, feedstuffs, seeds, fertilizers or pesticides including insecticides, fungicides and herbicides other than those containing 2,4-D or brush killers. Sprayers which have contained **WILSON TURF-RITE® 2 + 2 DOUBLE STRENGTH HERBICIDE** should not be used to apply other pesticides to 2,4-D or MCPA susceptible crops.

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. **If inhaled,** move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. 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. 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: Triple- or pressure-rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the container unsuitable for further use. Dispose of the container in accordance with provincial requirements. 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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