

GROUP 4 HERBICIDE

DyCler® HERBICIDE

INDUSTRIAL

DyCler controls deciduous and coniferous brush species and broadleaf weeds in non-cropland areas such as roadsides, hydro, pipeline and railway rights-of-way, airports, military bases, turf, wasteland and similar areas.

GUARANTEE:

dicamba (present as the dimethylamine salt)480 g/L

READ THE LABEL AND BOOKLET BEFORE USING

CAUTION



POISON

WARNING: EYE IRRITANT

REGISTRATION NO.: **19157**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **10 L**

Syngenta Crop Protection Canada, Inc.
140 Research Lane
Research Park, University of Guelph
Guelph, ON N1G 4Z3

Notification Change

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the **PEST CONTROL PRODUCTS ACT** to use a control product under unsafe conditions.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label, and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

In case of skin contact, wash with plenty of soap and water.

For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately.

In case of accidental consumption, seek medical attention immediately or contact a Poison Control Centre.

GENERAL PRECAUTIONS

1. KEEP OUT OF REACH OF CHILDREN.
2. Harmful if swallowed or absorbed through the skin.
3. Avoid contact with skin, eyes and clothing.
4. Do not apply on or near desirable trees or plants, or in locations where chemical may be washed into contact with their roots.
5. Apply in the morning or late in the evening when air temperature is between 10 and 25 °C for best results.
6. Do not contaminate domestic or irrigation waters. Thoroughly clean application equipment after use.
7. For information on feeding and grazing of beef and dairy cattle on treated vegetation refer to the Tables on Grazing, Hay-making and Slaughter Restrictions.
8. Read and follow the label instructions for the tank-mix products noting pertinent recommendations, directions for use, restrictions or additional weeds controlled.
9. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in U.S., contact 1-866-375-4648 or www.cropro.org.

SPRAY DRIFT PRECAUTIONS

DyCleer herbicide may cause injury to desirable trees and plants, particularly soybeans, flowers, fruit trees, grapes, ornamentals, peas, potatoes, tomatoes and tobacco. Follow these precautions when spraying DyCleer in areas where sensitive crops are grown.

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4. Ensure that spray equipment used to apply DyCleer herbicide is properly cleaned before reusing to apply any other chemicals.
5. Avoid spraying under conditions of high humidity or fog to prevent drift to adjacent crops.

STORAGE

Thaw if frozen. Shake before use.

DECONTAMINATION AND DISPOSAL

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.

CONTAINER DISPOSAL:

FOR DISPOSAL OF PLASTIC JUGS:

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® DyClear is a registered trademark of a Syngenta Group Company

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BRUSH CONTROL

DyCleeer tank-mixes are effective in controlling many coniferous and deciduous brush species found in areas where they may be undesirable.

1. Prepare a tank-mix consisting of DyCleeer plus 2,4-D amine, 2,4-D L.V. ester or 2,4-D/2,4-DP.
2. Apply DyCleeer tank-mixes in spring or early summer to coniferous and deciduous brush species (after the leaves have fully expanded). Stop applications at least 3 weeks prior to change of leaf colour in the fall.
3. For best results and ease of application, cut brush or trees over 2 M in height and treat re-growth when it develops.
4. DyCleeer will not mix with oils.

STEM FOLIAGE

Ground Application Directions

1. Apply to foliage and stems to the point of runoff. Complete coverage is essential for effective control.
2. The volume of spray per hectare will vary according to the height and density of the wood species present.
3. Use of a tank-mix with 2,4-D L.V. ester may improve control of balsam poplar as well as other species when they are under drought stress, especially under periods of hot, dry weather.

SPECIES CONTROLLED	RATE PER 1000 LITRES OF WATER
western snowberry (buckbrush) wolf willow (silver willow) aspen poplar wild rose alder cherry	2.1 L DyCleeer plus 4.0 L of 2,4-D amine (500 g/L formulation) or 3.3 L of 2,4-D L.V. ester (600 g/L formulation)
balsam poplar birch elm hickory vine maple black cottonwood bur oak red oak tamarack pine white cedar spruce balsam fir	4.0 L DyCleeer plus 8.0 L 2,4-D amine (500 g/L formulation) or 6.6 L of 2,4-D L.V. ester (600 g/L formulation)
sugar maple white ash	5.2 L DyCleeer plus 7.1 L of 2,4-D/2,4-DP L.V. ester (350 g/L 2,4-D; 350 g/L 2,4-DP formulation)

BROADCAST GROUND TREATMENT:**Application Directions:**

1. Apply in sufficient diluent to wet all foliage.
2. A water volume of 220-330 litres of water per hectare is recommended for brush stands.

SPECIES CONTROLLED	RATE/HECTARE
white (paper) birch willow aspen poplar	4.2 L DyCleeer plus 8.0 L of 2,4-D amine (500 g/L formulation) or 6.6 L of 2,4-D L.V. ester (600 g/L formulation) or 5.2 L DyCleeer plus 7.2 L of 2,4-D/2,4-DP L.V. ester (350 g/L 2,4-D; 350 g/L 2,4-DP formulation)

AERIAL APPLICATIONS:**Application Directions:**

1. DyCleeer tank-mixes *may be* applied aerially in not less than 85 litres of water per hectare.
2. Do not spray when wind velocities are greater than 15 km/hour.
3. Do not use nozzle pressure above 300 kPa.
4. Do not spray when wind is blowing towards nearby desirable trees or plants.

SPECIES CONTROLLED	RATE/HECTARE
aspen poplar white (paper) birch	4.2 L DyCleeer plus 8.0 L of 2,4-D amine (500 g/L formulation) or 6.6 L of 2,4-D L.V. ester (600 g/L formulation)

BROADLEAF WEED CONTROL:

DyCleeer liquid herbicide can be used alone or in tank-mixes with 2,4-D amine or 2,4-D L.V. ester. DyCleeer tank-mixes offer additional broadleaf weed control.

IMPORTANT (Application Directions)

Apply DyCleeer or DyCleeer tank-mixes in 110 to 220 litres of water per hectare when weeds are actively growing. For poison ivy control use 560 litres of water per hectare. Thorough coverage of foliage is necessary to control weeds. For control of a broader range of weeds, the recommended rate of DyCleeer may be tank-mixed with 2,4-D amine (500 g/L) or 2,4-D ester (600 g/L). Consult 2,4-D label regarding rates of application and weed species controlled.

SPECIES CONTROLLED	RATE PER HECTARE
poison ivy	1.7 L DyCleeer plus 2.2 L of 2,4-D amine (500 g/L)
wild carrot	2.1 L DyCleeer plus 4.4 L of 2,4-D amine (500 g/L)
<i>DyCleeer alone controls the top growth of:</i> absinthe Canada thistle perennial sow-thistle leafy spurge poverty weed scentless mayweed	1.25 L DyCleeer
<i>DyCleeer alone controls:</i> perennial sow-thistle common ragweed English daisy goldenrod tansy ragwort Canada thistle field bindweed top growth of curled dock false ragweed giant ragweed	2.3 L DyCleeer
diffuse knapweed goat's beard ground cherry pasture sage poverty weed sheep sorrel thyme-leafed spurge	4.6 L DyCleeer
baby's breath fringed sage brush lambkill velvet grass	9.2 L DyCleeer
<i>and top growth control of:</i> bracken fern perennial cinquefoil Russian knapweed	

ROADSIDE VEGETATION CONTROL

DyCleeer liquid Herbicide can be used in a tank-mix with Roundup' Herbicide for annual vegetation control on 1-2 metre wide roadside shoulders. DyCleeer tank-mixes with Roundup and 2,4-D amine offer a broader spectrum of total control of roadside vegetation.

IMPORTANT (Application/Directions)

1. Apply 1.25 - 2.5 L/ha of DyCleeer in tank-mix with 0.75 - 1.0 L/ha of Roundup*.
2. Apply 0.30 L/ha of DyCleeer in tank-mix with 1.2 L/ha of 2,4-D amine (500 - g/L) and 0.75 - 1.0 L/ha of Roundup.

* Refer to the Roundup label for the appropriate rate of Roundup Herbicide for specific weed control and for additional precautions and application instructions.

ESTABLISHED TURF

DyCleeer herbicide can be used alone or in a tank-mix with 2,4-D amine or 2,4-D L.V. ester. DyCleeer tank-mixes offer additional broadleaf weed control and are particularly effective against dandelion and plantain.

IMPORTANT (Application/Directions)

Apply DyCleeer or DyCleeer tank-mixes in at least 110 litres of water per hectare as a foliar spray to actively growing weeds. Best results will be obtained if application is made in early spring or fall, 2 weeks prior to first frost. Apply with caution near trees or shrubs. Do not apply closer than the drip line of trees and shrubs. Do not apply to Bent Grass lawns. Do not rake, mow or water lawn within 24 hours after application. For control of a broader range of weeds, the recommended rate of DyCleeer may be tank-mixed with 2.2 litres of 2,4-D amine (500 g/L) or 2 litres of 2,4-D ester (600 g/L).

SPECIES CONTROLLED	RATE PER HECTARE
<i>DyCleeer alone will control:</i> clover sheep sorrel mouse-eared chickweed erect knotweed	1.25 L DyCleeer

HAY-MAKING & GRAZING RESTRICTIONS FOR DAIRY CATTLE

RATE/HECTARE	DELAY BETWEEN TREATMENT & HAY-MAKING/GRAZING
Up to 1.25 L DyCleeer	0 days
1.25 L to 2.3 L DyCleeer	7 days
2.3 L to 4.6 L DyCleeer	14 days
4.6 L to 7.1 L DyCleeer	30 days

HAY-MAKING, GRAZING & SLAUGHTER RESTRICTIONS FOR MEAT ANIMALS

NUMBER OF DAYS BETWEEN DyCleeer APPLICATION AND HAY-MAKING OR CONSUMPTION	SLAUGHTER RESTRICTIONS
vegetation consumed within 30 days of treatment	feed animal untreated diet for 30 days before slaughter
vegetation consumed 30 days after treatment	no restrictions on slaughter

Resistance-Management Recommendations

For resistance management, DyCleer Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to DyCleer 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 DyCleer 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 company representatives at 1-800-459-2422 (in Eastern Canada) or 1-800-665-9250 (in Western Canada) or at www.syngenta.ca.

® DyCleer is a registered trademark of a Syngenta Group Company
Roundup is a registered trademark of its respective company.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

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