

91.12.02

CLEAN CROP(R)

2,4-D AMINE 500

HERBICIDE

COMMERCIAL

WARNING POISON

READ THE LABEL BEFORE USING

GUARANTEE:

2,4-D (present as dimethylamine salt) 470 g/L

REGISTRATION NO. 16280
PEST CONTROL PRODUCTS ACT

UNITED AGRI PRODUCTS
R.R. #2
Dorchester, Ontario
N0L 1G5

NET: 20 L

DIRECTIONS FOR USE

2,4-D AMINE 500 controls broadleaved weeds. Some weeds are easier controlled than others, when more than one application rate is given refer to the following weed lists. Use the lesser rate for susceptible weeds and the higher rate for more resistant weeds. Local conditions may affect the use of herbicides. Provincial agricultural authorities issue recommendations to fit local conditions.

WEEDS CONTROLLED

Very susceptible: stinkweed, wild mustard

Susceptible: ball mustard, bluebur, burdocks, chicory, cocklebur, common burdock, common ragweed, false flax, field horsetail*, flixweed, great ragweed, hares'-ear mustard, Indian mustard, kochia, lamb's-quarters, narrow-leaved hawk's-beard, plantain, prickly (lobed)lettuce, prostrate pigweed, Russian pigweed, sheperd's purse, stinging nettle, sunflower, sweet clover, tumble mustard, thyme-leaved spurge, vetch, wild radish, wormseed mustard.

More resistant: annual sow-thistle*, biennial wormweed*, blue lettuce*, Canada thistle*, chickweed, curled dock, dandelions*, dog mustard*, field bindweed*, field peppergrass, goat's beard, gumweed*, hairy galinsoga, hedge bindweed*, hoary cress*, lady's thumb, oak-leaved goosefoot, perennial sowthistle*, pineappleweed, prostrate amaranth, purslane, redroot pigweed, Russian thistle, smartweeds, spear-leaved goosefoot, tansy, Tartary buckwheat*, tumbleweed, wild buckwheat*.

Hard to Control: hempnettle, horsetail*, leafy spurge*, Russian knapweed* (persistent perennial).

*Top Growth Control Only.

RATE PER HECTARE

Fall Seeded Barley, Rye and Wheat (Aircraft or Ground Application)	425 mL -1 L in 45 - 225 L of water/ha	Make application in the early spring as soon as weeds appear and after the crop commences growth (full tillering stage) until the early flagleaf stage. Do not apply in the fall. Do apply if the crop is underseeded to legumes unless injury to the legumes can be tolerated. Use lower rates for susceptible, young weeds. Use the higher rates for more resistant weeds, or weeds under stress due to drought or low temperatures.
---	---------------------------------------	---

<p>Spring Seeded Barley, Rye and Wheat</p> <p>(Aircraft or Ground Application)</p>	<p>425 mL - 1 L in 45-225 L of water/ha</p> <p>125 L - 2.75L in 45-225 L of water/ha</p>	<p>Make application when the crop is in the 3 to 4 leaf expanded stage (plants approx. 15 cm high) until just before the flagleaf stage (shot blade stage, boot stage). Do not apply before 3 crop leaves have expanded, do not apply during boot and flowering stages. An application may be made after the hard dough stage to control weeds which might interfere with harvesting.</p> <p>Use lower rates for susceptible, young weeds. Use the higher rates for more resistant weeds, or weeds under stress due to drought or low temperatures.</p> <p>These rates should be used only if resistant or hard to control weeds re present. Some crop injury may occur, however this will usually be offset by a higher yield from a less weedy crop.</p>
--	--	--

<p>Corn</p> <p>(Aircraft or Ground Application)</p>	<p>425 mL - 1.25 L in 55-280 L of water per hectare</p>	<p>Apply as an overall spray until corn is 15 to 20 cm tall and when most weeds have germinated but are still in seedling stage. When corn is higher than 15 cm. Use shield sprays or drop nozzles directing spray at base of the plants. (Keep spray off corn foliage). Do not cultivate for at least 2 weeks after treatment. Some varieties of corn are susceptible to and can be injured by low rates after the plants are 15 cm high. Consult your cannery for sweet corn varieties that are susceptible to 2,4-D.</p>
<p>Grasses Seedling Stands</p>	<p>500 mL - 125 L is not less than 45 L of water/ha</p>	<p>Apply from the 3 leaf stage of grasses to just before shot blade stage. Do not use during flower development pollination or seed yield will be reduced.</p>
<p>Established Stands</p>	<p>850 mL - 2.75 L in 45 L or more of water/ha</p>	<p>Spray after plants are well established. Rates above 1.25 L per hectare are higher than those considered safe for this crop. However, the crop injury that may result is usually offset by the weed control obtained. Local conditions may affect the use of herbicides. Provincial agricultural authorities issue recommendations to fit local conditions.</p>

<p>Non-Crop Land (Airfield, Ditchbanks, Drainage and Irrigation Ditches Around Farm Buildings, Fencerows, Highway and Railroad, Rights-of-Way, Roadsides, Vacant Lots and Wasteland)</p>	<p>1.75 L - 5.5 L in 110 L of water/ha</p>	<p>Apply when the weeds are in full leaf preferably before they are mature (before weed seeds form). Application can be made in spring, summer or fall. Spray to thoroughly wet all foliage.</p>
<p>Woody Growth</p>	<p>3.25 L - 6.75 L in 110 L of water per hectare</p>	<p>Wet foliage thoroughly. Cut off brush and trees over 2 meters and spray regrowth.</p>
<p>Pastures, Rangeland (Aircraft or Ground Application)</p>	<p>1.75 L - 5 L in sufficient water for coverage</p>	<p>Apply when weeds are in full leaf and in sufficient growing rapidly prior to flowering or in bud. Use the higher rates when weeds are mature or weather is dry and cool. Repeat treatment may be necessary. Most legumes are usually damaged or killed. Do not graze treated areas within one day of treatment with 2,4-D.</p>
<p>Pastures, Woody Growth(Poplars, 170 L or Western Snow Berry, Aspen Poplar, Choke Cherry, Willow and Pasture Sage)</p>	<p>2.25 L - 5 L in 150 L or more of water/ha</p>	<p>In western Canada spray in June when brush is fully leaved and pasture sage has several cm of new growth. Do not graze treated areas within one day of treatment of 2,4-D.</p>

<p>Summer Fallow (Canada Thistle, Sow Thistle, and Most other Perennial Weeds)</p>	<p>2.25 L - 4 L in sufficient water for coverage</p>	<p>Apply when weeds are in the bud to bloom stage. If necessary, repeat when weed growth of surviving Sow Thistle, and plants is about 12 cm tall. Cultivate 3 Weeks after Application to improve control.</p>
<p>Summer Fallow and after Harvest</p>	<p>700 mL - 1.5 L is not less than 45 L of water/ha</p>	<p>To reduce the need for broadleaf weeds control by cultivation, apply in early June when weeds are present. For Canada Thistle and Sow Thistle, apply 1.25 L/ha in early September after harvest. For control of flixweed, stinkweed, shepherd's purse and narrow-leaved hawk's beard apply in late September to early October before freeze-up.</p>
<p>Turf (Established Fairways, Golf courses, Lawns, Parks)</p>	<p>1.5 L - 3.5 L in 45L -450 L of water/ha (15 mL in 5 -20 L of water per 100 sq. meters)</p>	<p>Application may be made in spring, early summer or fall when weeds are actively growing and temperatures are above 10°C. Use a pressure sprayer with a coarse spray. Spray thoroughly to wet weeds but avoid excessive run-off. A repeat application may be necessary. For perennial broadleaf weeds, follow Provincial recommendations. Bent grasses and legumes are susceptible to 2,4-D and will be injured or killed. Do not spray within 24 hours of rainfall or during hot, dry spells. Avoid mowing several days before treatment. In newly seeded lawns do not spray within 4 weeks after grass emergence and then use only half rate.</p>

RATE PER HECTARE
PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes, skin and clothing.

Harmful if swallowed. Causes eye irritation, may cause skin irritation.

Wash well after handling.

Do not apply in vicinity of desirable susceptible plants such as grapes, tomatoes, tobacco, sugarbeets, sunflowers, soybeans, beans, turnips, cauliflower, cabbage or other field vegetables or fruit crops or ornamentals. Do not permit spray or air containing spray mist to contact susceptible plants. Applications should be made only when there is no hazard from drift. Coarse sprays are less likely to drift. Do not use on lawns or crops around desirable trees or shrubs where runoff may affect plants. Do not mix with liquid fertilizers containing nitrogen. Do not contaminate any body of water. Do not store near food, feed, fertilizer or seed.

Allow 24 hours between application of product and grazing/cutting for hay.

For aerial application exercise special care:

- 1) Do not spray in winds exceeding 10 km.
- 2) Do not spray in dead calm near sensitive plants.
- 3) Spray only when wind is blowing away from a sensitive crop, garden or shelterbelt.

Wash equipment thoroughly after use with Tank and Equipment Cleaner.

FIRST AID:

If swallowed induce vomiting and get medical attention or contact a poison control centre. In case of contact with eyes flush with plenty of water for 15 minutes and get medical attention. For skin contact wash with soap and water. Remove contaminated clothing and wash before reuse.

DISPOSAL

1. Rinse the emptied container thoroughly and 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 the disposal of unused, unwanted product and the clean-up of spills contact the regional office of Environmental Protection, Environment Canada.

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.

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.

+))