

87.07.16

Guardzman

2,4-D AMINE 500  
Liquid Weedkiller

For control of many broad leaved weeds in cereals, pastures  
and lawns, fairways etc.

AGRICULTURAL

CAUTION

POISON

READ THE LABEL BEFORE USING

GUARANTEE; 2,4-D - 480 grams per litre  
(Present as dimethyl amine salt)

REGISTRATION NO. 11441 PEST CONTROL PRODUCTS ACT

MANUFACTURED BY  
VAN WATERS & ROGERS LTD.  
P.O. Box 2009, Vancouver, B.C., V6B 3R2  
Edmonton, Calgary, Winnipeg

METHOD OF APPLICATION

Spray on in 50-250 litres of water. Use low pressure to avoid spray drift. Higher rates indicated may cause injury which is usually offset by decreased weed competition.

LAWNS & FAIRWAYS

Use 2.25 litres 2,4-D AMINE 500 per hectare in 225-450 litres of water. Use low pressure to avoid spray drift.

PASTURES

Do not spray pastures containing legumes. Use 2.25-3.25 litres of 2,4-D Amine 500 per hectare in 110-350 litres of water per hectare. Use lower rate early in season when weeds are growing rapidly. Use higher rate when weeds are mature or weather is dry or cool. Do not pasture within 1 day of treatment.

ROADSIDES AND NON-CROP LAND

Use 4.25-5.5 litres 550 litres of water per hectare.

## DIRECTIONS FOR USE

WHEAT, BARLEY AND RYE - Apply 2,4-D Amine 500 only from 3 leaf to early shot blade stage. See table for application rates.

OATS - Emergency use only. Apply 0.7-1.1 litres per hectare only at 2 leaf stage or from 6 leaf to early shot blade stage. 2,4-D should only be used when weeds resistant to M.C.P.A. are present as it may cause some crop damage.

## CORN

- (I) before corn is 15 cm high; use 1.1 litres hectare, broadcast over top of plants.
- (II) when corn is 15-20 cm tall; use 0.55-1.1 litres per hectare, using drop nozzles to direct spray at base of plants.

## SPECIFIC RECOMMENDATIONS FOR FORESTRY USE FRILL OR HACK AND SQUIRT TREATMENT

### Concentration to apply:

The following dilutions have been effective:

2 parts water to 1 part 2,4-D Amine 500,

1 part water to 1 part 2, 4-D Amine 500.

With full strength being optimum for trees greater than 15 cm. D.B.H.

### Directions:

For trees smaller than 15 cm. D.B.H. make one notch for each 3 cm. of diameter. Inject 1 mL. of solution into each notch. For trees over 15 cm. D.B.H. make a complete frill by chopping into the tree.

## STUMP TREATMENT

### Concentration to apply:

Use full strength 2,4-D Amine 500 on stumps from trees having 2-25 cm. on D.B.H.

### Directions:

Ensure complete coverage to cambial area.

## SPECIES CONTROLLED

The above treatments control Alder and Willow species.

## CAUTION

Do NOT use on cereals underseeded to legumes. Do NOT use on peas, alfalfa or other legumes.

## RATES OF APPLICATION

WHEAT, BARLEY AND RYE

(Not Underseeded to legumes)

Species of Weeds	Stage of Weed Weather Conditions	Litres of 2,4-D Amine 500/Ha.
Susceptible (Easier to kill) Weeds Bluebur, cockle bur, Common Plantain Flixweed*, Kochia	Seedlings (2-4 leaves) Growing rapidly	.7
Lambs Quarters, Mustards, Prickly Lettuce, Ragweeds, Shepherd's Purse, Stinkweed  *Young Seedlings only	Weeds Older Dry or cool weather Heavy infestation	1.1
More Resistant (Harder to Kill) Weeds Chicory, Blue Lettuce*, Curled Dock, Dandelions (in fields) Dog Mustard, Field Bindweed*, Goat's Beard, Leafy Spurge*, Pepper Grass Red Root Pigweed, Russian Thistle	Seedlings (2-4 leaves) Growing rapidly	1.25
Smartweed*, Tumble Weed, Canada* & Annual Sow Thistle	Weeds Older Dry or Cool weather Heavy Infestation	1.75

Top growth control only on these weeds

#### 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 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 cleanup of spills contact the regional office of the Environmental Protection Service, Environment Canada.

#### PRECAUTIONS

Keep out of the reach of children. Keep in original container during storage. Destroy empty container. Do not allow spray mist 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 crops including grapes, tomatoes, tobacco, sugar beets, sunflower, beans, turnips, cauliflower and cabbage, as well as many other field vegetables, 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 and weed like killers other than those containing 2,4-D or brushkiller. Sprayers which have contained 2,4-D should not be used to apply other pesticides to 2,4-D susceptible crops.

WARNING

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and shoes before re-use.

FIRST AID

In case of contact flush eyes with plenty of water for at least 15 minutes and get medical attention. Wash skin with soap and plenty of water.

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.

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