86.04.19

((LABEL))

NO-WEED\*
2,4-D ESTER

# BROADLEAF HERBICIDE

### AGRICULTURAL

CAUTION POISON

READ THE LABEL BOOKLET BEFORE USING

REGISTRATION NO. 9587 PEST CONTROL PRODUCTS ACT

# **GUARANTEE:**

2,4-D....570 GRAMS PER LITRE (present as a low volatile ester)

\*NO-WEED is a trademark of Union Carbide Agricultural Products Company, Inc. U.S.A.

### MANUFACTURED BY

Union Carbide Agricultural Products (Canada) Ltd. 5507 First Street S.E. Calgary, Alberta T2H 1H9

For product information telephone (403) 253-8471

In case of emergency telephone collect (24 hours a day) (514) 645-5311

# NET CONTENTS 10 LITRES

# PRECAUTIONS

Exercise care in the application of this material to avoid drift of the material or vapors therefrom to susceptible plants, as this product may injure Alfalfa, Clover, Peas, Beans and other Legumes, Shrubs, Flowers and most vegetable crops.

Use special care in aerial application where the danger of drift is much greater. Avoid contact with this herbicide or its vapors. Do not breathe the spray mist or vapors, and guard the skin, eyes and clothing. Do not contaminate irrigation ditches or water used for domestic purposes. Clean your spray equipment thoroughly before using for other purposes. (Use hot soapy suds followed by soaking and washing with ammonia or baking soda, or better still, do not use the same spray equipment for other purposes). Do not store near fertilizers, seeds, insecticides or fungicides.

NOTICE TO USER: This control product is to be used only in accordance with the directions on the label. It is an offense under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe condition.

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.

((BOOKLET))

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NO-WEED\*
2,4-D ESTER

BROADLEAF HERBICIDE

AGRICULTURAL

CAUTION POISON

REGISTRATION NO. 9587 PEST CONTROL PRODUCTS ACT

**GUARANTEE:** 

2,4-D.....570 GRAMS PER LITRE (present as an ester)
Liquid Emulsifiable Concentrate

# MANUFACTURED BY

Union Carbide Agricultural Products (Canada) Ltd. 5507 First Street S.E. Calgary, Alberta T2H 1H9

### NET CONTENTS 20 LITRES

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PESTICIDE RINSE FOR DOLLARS
CONTAINER RINSE FOR SAFETY
DISPOSAL RINSE FOR DISPOSAL

### DIRECTIONS FOR USE

The recommended amount of this product can be applied with as little as 30 to 40 litres of water per hectare. It is important to distribute the recommended amount of herbicide evenly over the area to be sprayed. Higher volumes of water have shown that much better control of weeds with much less damage to crops can be expected from the herbicide.

WHEN TO SPRAY

WHEAT, BARLEY AND RYE: Treat from the full 3-leaf to the early shot-blade stage of the grain. Treatment at the 3-4 leaf stage will usually combine maximum crop tolerance and weed susceptibility. Winter wheat and fall rye should be treated in early spring. Treatment is not recommended during fall or in late spring after the crop has reached the flag leaf stage. Consult chart for rates.

OATS: Do not use this herbicide on oats. Oats are more susceptible to 2,4-D than wheat or barley and severe damage frequently occurs if 2,4-D is used. Since oats have proven more tolerant to MCPA than 2,4-D, MCPA Ester should be used. If oats are infested with MCPA resistant weeds (eg. Russian thistle) then 2,4-D Amine should be used.

FLAX: MCPA formulations are recommended. Flax is more susceptible than cereals to 2,4-D. If 2,4-D is used crop injury and reduced yields may result. Therefore this herbicide should be used only if flax is severely infested with MCPA resistant weeds (eg: Russian thistle). Flax may be treated only after the plants have reached 5 cm in height and before the bud stage. Do not apply more than 0.7 litres per hectare.

LEGUMES (EXCEPT SWEET CLOVER): If cereals are underseeded to legumes use MCPA Amine or MCPA Sodium.

BRUSH: On susceptible brush use this herbicide as a foliage spray at the rate of 3.5 to 6 litres in 150 litres or more of water per hectare with ground equipment (sufficient to thoroughly wet the foliate) as soon as leaves are fully expanded.

SUGGESTED RATES OF 2,4-D ESTER
ON CEREAL CROPS
(not underseeded to legumes)

Weeds Present	Stage of Weed	Amount of
	and Environmental	Herbicide
	Conditions	per Hectare

GROUP I:		
ball mustard		
bluebur		
3 = 3 3 3 3 3 =	041	600 mT,
burdock	Seedling	600 IIIL
cockle bur	(2 to 4 leaves)	
common plantain	Growing Rapidly	
common ragweed		
false ragweed		
flixweed		
great ragweed		
hare's-ear mustard		to
Indian mustard		
lambs-quarters,		
prickly lobed lettuce		
Russian pigweed		
shepherd's purse	Weeds in bud stage	950 mL
stinkweed (field pennycress)	Dry or cool	
sweet clover	weather	
tumble mustard	Heavy infestations	
wild mustard	_	
wild radish		
wild sunflower		
wormseed mustard		

GROUP II:		
blue lettuce* biennial wormwood* Canada thistle* common purslane	Seedling (2 to 4 leaves) Growing Rapidly	1.0 L
curly dock		
dandelion* false flax, smallseed		
field bindweed*		
goat's-beard gumweed*		to
hedge bindweed*		
hoary cress* leafy spurge*		
peppergrass		
prostrate amaranth redroot pigweed		
Russian knapweed*	Weeds in bud stage	1.5 L
Russian thistle smartweed	Dry or cool weather	
sow thistle*	Heavy infestations	
tansy mustard tartary buckwheat*		
wildbuckwheat*		

<sup>\*</sup>Top growth control only.

The higher rates indicated for Group II may cause crop injury which will frequently be offset by a higher relative yield from the less weedy crop.

88.04.28

SUPPLEMENTAL LABEL

NO-WEED\* 2,4-D ESTER

BROADLEAF HERBICIDE

Contains 2,4-D Low Volatile Esters

for

#### FOREST AND WOODLAND MANAGEMENT

### AGRICULTURAL

**GUARANTEE:** 

2,4-D.....570 GRAMS PER LITRE (present as an ester)
Liquid Emulsifiable Concentrate

REGISTRATION NO. 9587 PEST CONTROL PRODUCTS ACT

CAUTION POISON

READ THE LABEL AND BOOKLET BEFORE USING

May and Baker Canada Inc. 2000 Argentia Road Plaza 3, Mississauga, Ontario L5N 1V9

NET CONTENTS: 200 LITRES

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.

NATURE OF RESTRICTION: This product is to be used only in the manner authorized. Consult local pesticide authorities about use permits which may be required.

CONIFER RELEASE--AERIAL APPLICATION: To control undesirable hardwood species in stands of fir, hemlock, spruce and pine regeneration apply 2,4-D Ester at 4.25 to 5.5 L/ha in 30 to 80 L/ha of total spray mixture. Use water or an "oil-water" mixture. Never allow any water or mixture containing water to get into the 2,4-D Ester or the oil spray premix. Note 2,4-D Ester in water or oil-water sprays forms an emulsion, not a solution, and separation may take place unless sprays are agitated continuously until used up. Mechanical agitation is recommended.

To prevent conifer damage, delay spraying until all new conifer growth has hardened off, when the terminal buds feel sharp to touch. Caution should be taken to ensure that the conifer is not in a second phase of active or "lammas" growth in late summer. Hardwoods should not have commenced fall

colouration. Control of heavy suckering such as maple, trembling aspen and balsam poplar may only be partial. Raspberries will not be controlled and may if present proliferate following removal of the hardwood overstory.

FOREST SITE PREPARATION - AERIAL APPLICATION: To control mixed hardwood species on sites to be planted to conifers, use 5.5 to 8.5 litres of 2,4-D Ester in 30 to 100 litres of total spray mixture per hectare. Apply as a uniform spray when the foliage is well developed and the brush is actively growing. Under conditions of good growth and high soil mixture, sprays can be used 2 to 3 weeks before normal frost time. For best results use a 10% oil-water\* mixture. NOTE: When preparing sites for planting do not plant conifers before spraying as the conifers present at the time of spraying may be injured or killed.

\*To prepare the "oil-water" mixture add the 2,4-D Ester to the oil in a separate container. With vigorous agitation 1 litre of 2,4-D Ester will emulsify up to 10 litres of oil in 100 litres of spray mixture. Start running the water into the empty spray tank then slowly add the premix with continuous agitation. All the premix should be in the tank by the time 1/3 of the water is in. If the premix is put in the tank without any water, the first water may form a thick "invert" (water in oil) emulsion which will be hard to break.

USE PRECAUTIONS: With aircraft, uniform coverage can be obtained and drift minimized by using 235 kPa spray pressure or less at the nozzle, by using nozzles directed straight back, by using a spray boom no larger than 3/4 the wing span of the aircraft and by spraying when wind velocity is less than 8 kph.

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