

02-APR-1996

HERBICIDE 273 LIQUID

CONTAINS ENDOTHALL

AGRICULTURAL

READ THE LABEL BEFORE USING

GUARANTEE:

Endothall (Present as dipotassium salt)
360 grams per litre

The manufacture and use of Endothall are covered
by one or more of the following Canadian patents:
519; 249; 547; 630; 547; 547; 632; 540; 006; 547,633; 544,003; 547; 631

DANGER POISON

REGISTRATION NO. 10,216

PEST CONTROL PRODUCTS ACT

CAUTION

Avoid contact with or drift to either crop or plants as injury may result. Do not store this material where it might contaminate seeds, feed or foodstuffs. Do not allow spray solution to remain in sprayer for long periods of time. Wash out with water after each operation. Keep from freezing.

MAY BE FATAL IF SWALLOWED, IRRITATING TO SKIN, NOSE EYES, AND THROAT. MAY BE ABSORBED THROUGH THE SKIN. Do not get in eyes, on skin or on clothing. Wear goggles, rubber gloves, rubber boots, overalls, rubber apron and respirator when handling. Bathe and change clothing at least daily while using.

FIRST AID

In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes; for eyes get medical attention. If swallowed, do NOT cause vomiting; give cold milk or cold water. Call a doctor immediately or contact a poison control centre.

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.

NET CONTENTS: 9.46 litres

SOLD BY
ELF ATOCHEM NORTH AMERICA, INC. - AGCHEM DIVISION
2000 Market Street,
Philadelphia, PA
19103

ELF ATOCHEM OF CANADA, LTD.
700 Third Line Road
Oakville, Ontario

5-F504N-01 (12/95)

Made and Printed in U.S.A.

GENERAL INFORMATION

HERBICIDE 273 is a liquid formulation which mixes readily with water for use in the control of wild buckwheat, ladythumb, redroot pigweed, green foxtail and barnyard grass in sugar beets.

DIRECTIONS FOR USE

PRE-EMERGENCE - SUGAR BEETS - Spray Herbicide 273 onto the seed bed during or just after planting to control ladythumb, wild buckwheat, redroot pigweed, green foxtail and barnyard grass. High moisture after application is essential for the best weed control.

BAND TREATMENT - Mix the recommended amount of Herbicide 273 listed in the table below with sufficient water to give good coverage, and apply as a band treatment at planting time.

LITRES OF HERBICIDE 273 PER HECTARE*

Band Width cm	Row spacing in Centimetres			
	55	60	70	75
15	3.82-5.45	3.50-5.00	3.00-4.29	2.80-4.00
20	5.09-7.27	4.67-6.67	4.00-5.71	3.73-5.33
25	6.36-9.09	5.83-8.33	5.00-7.14	4.67-6.67

* NOTE: For light sandy soils use the lower rate.

BROADCAST TREATMENT - Mix 14 to 20 litres of Herbicide 273 per hectare with sufficient water to give good coverage and apply as a broadcast pre-emergence treatment.

POST-EMERGENCE - SUGAR BEETS- For control of wild buckwheat and ladythumb apply only after the weeds have emerged. The sugar beets should normally be in the 4 to 6 leaf stage for best results. Do not apply later than 40 days after emergence. Under certain adverse conditions, some temporary marginal leaf burn may occur, especially at the higher rates, but recovery of the sugar beets is normally rapid. For best results, apply when average temperature is above 15'C.

BAND TREATMENT - Mix the recommended amount of Herbicide 273 listed in the table below with sufficient water to give coverage for post-emergence application.

LITRES OF HERBICIDE 273 PER HECTARE*

Band Width cm	Row Spacing in Centimetres			
	55	60	70	75
15	0.61-1.30	0.56-1.19	0.48-1.02	0.45-0.95
20	0.82-1.73	0.75-1.58	0.64-1.36	0.60-1.27
25	1.02-2.16	0.94-1.98	0.80-1.70	0.75-1.58

*NOTE: For light sandy soils use the lower rate.

BROADCAST TREATMENT - Use 2.25 to 4.75 litres of Herbicide 273 per hectare in 90 to 275 litres of water to give good coverage for post-emergence application.

TANK MIXES OF HERBICIDE 273
AND BETAMIX(R) OR BETANEX(R)

POST-EMERGENCE - SUGAR BEETS - Follow all use directions and precautions that appear on both product labels.

In addition to control of weeds specified previously, tank mix combinations of Herbicide 273 and Betamix or Betanex will improve control of seedlings of annual broadleaf weeds as follows:

HERBICIDE 273 Plus Betamix - smartweed, knotweed, lambsquarters, ragweed, shepherdspurse and nightshade.

HERBICIDE 273 Plus Betanex - smartweed, lambsquarters, ragweed and shepherdspurse.

Since leaf burn may occur, apply when sugar beets are at the 4 to 6 true leaf stage, and when the weeds are actively growing and are not

under water or heat stress. Do not apply later than 90 days prior to harvest.

Mixing Directions - Fill sprayer tank half full with water. Start agitation with a mechanical or good hydraulic agitator. While agitating, add the required amount of Herbicide 273 followed by required amount of one of the other herbicides listed above. Add the remaining quantity of water with the bypass agitator running. Mix only the amount of spray that will be used immediately. Do not add any wetting agents or other spray adjuvants.

RATES OF APPLICATION

Post-Emergence Herbicide	BROADCAST TREATMENT Rates per Hectare (L)	BAND TREATMENT			
		Band Width (cm)	Band rates per Hectare (L)		
			Row Spacing (cm)		
		55	70	75	
HERBICIDE 273	1.50-3.25	15	0.41-0.89	0.32-0.70	0.30-0.65
		20	0.55-1.18	0.43-0.93	0.40-0.87
Betamix	7.00	15	1.91	1.50	1.40
		20	2.55	2.00	1.87
Betanex	7.00	15	1.91	1.50	1.40
		20	2.55	2.00	1.87

Example: Broadcast Treatment - Tank mix 1.5 to 3.25 litres of Herbicide 273 and 7.0 litres of Betamix or Betanex per hectare.

Band Treatment - For a 20 cm band and 75 cm row spacing, tank mix 0.87 litre of Herbicide 273 and 1.87 litres of Betamix or Betanex per hectare.

CAUTION: Do not graze the treated crop or cut for hay; there are not sufficient data available to support such use.

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 cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

Betamix is a registered trademark of AgrEvo Canada, Inc.
Betanex is a registered trademark of AgrEvo Canada, Inc.

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