

PM 21 4581-223

file 10/16



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 7 1994

REBECCA A. CLEMMER
ELF ATOCHEM NORTH AMERICA INC.
AGRICHEMICALS DIV
2000 MARKET STREET, 21ST FLOOR
PHILADELPHIA, PA. 19103

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 9/8/93 Response to PR Notice 93-7
EPA Reg. No. 4581-223
HERBICIDE 273

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

2016

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

3046

MAR 7 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

4581-223

PROPOSED LABEL

HERBICIDE 273 HERBICIDE 273 HERBICIDE 273

SUGAR BEET HERBICIDE

ACTIVE INGREDIENT

Dipotassium salt of endosulfar

40.3%

INERT INGREDIENTS

59.7%

TOTAL

100.0%

17-cyano-2,2,1-trifluoro-2,3-dihydro-1,4-benzoxazin-3-one

This product contains 4.23 lbs. dipotassium salt of endosulfar per gallon to 3 lbs. endosulfar

KEEP OUT OF REACH OF CHILDREN



PELIGRO

DANGER

POISON



Si usted no entiende la etiqueta,
busque a alguien para que se la
explique a usted en detalle.
(If you do not understand the
label, find someone to explain it
to you in detail).

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink promptly a large quantity of milk or water. Do not induce vomiting unless directed to do so by a physician. Avoid further ingestion.

If on skin, immediately flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes.

If in eyes, immediately flush with plenty of water for at least 15 minutes. Consult a physician as soon as possible.

NOTE TO PHYSICIAN: For more information, contact the manufacturer. Do not use if the patient is allergic to the active ingredient. Measure carefully to avoid overdosage. Report all cases of poisoning to the local health department.



EPA Reg. No. 4581-223
EPA Pesticide ID No. 273-273

Net Contents 1 U.S. Gallon 3.8 Liters

AGCHEM DIVISION—ATO CHEM NORTH AMERICA
PHILADELPHIA, PA 19102

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
(AND DOMESTIC ANIMALS)

DANGER

FATAL IF ABSORBED THROUGH SKIN. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED. CORROSIVE, CAUSES IRREVERSIBLE EYE DAMAGE. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

Personal Protective Equipment

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Long-sleeved shirt and long pants..!
- Waterproof gloves
- Shoes plus socks
- Protective eyewear..
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

User Safety Recommendations:
Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. Do not apply directly to water. Do not contaminate water by disposal of equipment washwaters. Avoid contact with or drift to other crops or plants as injury may result.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), ~~restricted entry interval, and~~ ^{at} restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of ~~48~~ ²⁴ hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

GENERAL INFORMATION

HERBICIDE 273 is a liquid formulation which mixes readily with water for use in the control of cheatgrass, redroot or pigweed, Kochia, foxtails, burclover, blueweed (henbit), Texas blueweed, volunteer barley, wild buckwheat, barnyardgrass, bullgrass, annual bluegrass, ragweed, purslane, smartweed, wild carrot, volunteer sunflowers, and shepherdspurse in sugar beets.

Mix the recommended amounts of HERBICIDE 273 listed in the tables below in 2 to 15 gallons of water per acre for aerial application and in 10 to 40 gallons of water per acre for ground equipment.

This material is known to be phytotoxic to a wide variety of plants, especially strawberries. For aerial application a 50-foot buffer zone downwind from the wing edge is recommended to avoid injury to desirable plants. Apply when there is a positive wind of less than 10 mph. A height of 6 to 10 feet over the crop is recommended. Keep nozzle pressure below 40 psi.

Do not apply this product through any type of irrigation system.

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PRE-EMERGENCE APPLICATIONS

Field tests have shown that best pre-emergence results are obtained when HERBICIDE 273 is sprayed onto the seed bed during planting in a manner that spray would be incorporated into the soil not exceeding 1½ inches deep. High moisture content of soil is essential for best weed control. Apply before sugar beets emerge from the soil.

HERBICIDE 273 PER ACRE*

BROADCAST RATES	BAND RATES—PINTS			
	Band Width	Row Spacing		
		22"	28"	32"
1.0-2.2 Gallons/Acre	5"	2.0-4.0	1.5-3.0	1.25-3.0
	7"	2.5-5.5	2.0-4.5	1.75-4.0
	10"	3.5-8.0	3.0-6.5	2.5-5.5

*NOTE: For fine soils, use the lower rate. For use on the soils of Eastern Colorado and Western Nebraska, apply 1.5 to 3 pints HERBICIDE 273 for 7 inch band application on rows 22 inches wide. Adjust rate proportionately for other band widths and row spacings.

POST-EMERGENCE APPLICATIONS

Make application when the sugar beets have 2 to 4 true leaves (do not count the cotyledonary leaves, which are the first 2 leaves to appear). Under certain weather conditions, some temporary marginal leaf burn may occur to the sugar beets, especially at the higher rates, but recovery is normally rapid. For best results, apply when the temperature is between 60°F and 80°F. Do not apply later than 60 days after sugar beet emergence.

HERBICIDE 273 PER ACRE*

BROADCAST RATES	BAND RATES—FLUID OUNCES			
	Band Width	Row Spacing		
		22"	28"	32"
1-2 Quarts/Acre	5"	7-15	6-11	5-10
	7"	10-20	8-16	7-14
	10"	15-29	11-23	10-20

*NOTE: Use the lower rates of HERBICIDE 273 when the sugar beets have only 2 true leaves, or when spraying very susceptible weeds such as smartweed or wild buckwheat at early growth stage (2 to 4 true leaves).

TANK MIXES OF HERBICIDE 273 AND SELECTED HERBICIDES

FOR POST-EMERGENCE USE ON SUGAR BEETS ONLY

Follow all directions and precautions that appear on both product labels. In addition to the weeds previously mentioned, tank mix combinations of HERBICIDE 273 plus one of the herbicides listed below will control a broader spectrum of annual broadleaf weeds and seedling grasses than either herbicide used alone. For best results, 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. Since leaf burn may occur, do not apply tank mixes before sugar beets have 4 expanded true leaves.

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 below. Add the remaining quantity of water with the bypass agitator running. Mix only the amount of spray that will be used immediately.

HERBICIDE 273 PLUS BETANAL*—Controls seedlings of annual broadleaf weeds, such as knotweed, lambsquarters, nightshade, mustard, London rocket, goosefoot, ground cherry, fiddleneck, chickweed, and green and yellow foxtail. Do not add any wetting agents or other spray adjuvants. Do not apply later than 90 days prior to harvest.

HERBICIDE 273 PLUS BETANEX*—Controls seedlings of annual broadleaf weeds, such as lambsquarters, mustard, nightshade, goosefoot, and London rocket. Do not add any wetting agents or other spray adjuvants. Do not apply later than 90 days prior to harvest.

HERBICIDE 273 PLUS DOWPON* M—Controls seedlings of annual broadleaf weeds and grasses, such as foxtails, crabgrass, panicums, wild oats, bermudagrass, bluegrass, Johnsongrass, maidencane, and quackgrass.

HERBICIDE 273 PLUS PYRAMIN W*—Controls seedlings of annual broadleaf weeds, such as lambsquarters, mustard, fanweed, nightshade, nettleleaf, and goosefoot. Use 50 mesh screens in the line and Tee-jet #8004E nozzles or larger, or their equivalent.

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Rates of Application—See Example Below

POST-EMERGENCE HERBICIDE	BROADCAST RATES PER ACRE	BAND RATES PER ACRE PINTS/POUNDS			
		Band Width	Row Spacing		
			22"	28"	32"
HERBICIDE 273	2-3 pts	5"	0.5-0.7	0.4-0.6	0.3-0.4
		7"	0.7-1.0	0.5-0.8	0.5-0.7
		10"	0.9-1.3	0.7-1.1	0.6-0.9
BETANAL	6-7.5 pts	5"	1.4-1.7	1.0-1.2	0.9-1.1
		7"	2.0-2.5	1.5-1.9	1.3-1.6
		10"	2.7-3.4	2.1-2.6	1.8-2.2
BETANEX	6-7.5 pts	5"	1.4-1.7	1.0-1.2	0.9-1.1
		7"	2.0-2.5	1.5-1.9	1.3-1.6
		10"	2.7-3.4	2.1-2.6	1.8-2.2
DOWPON M (Dalapon)	2-3 lbs.	5"	0.5-0.7	0.3-0.5	0.3-0.5
		7"	0.7-1.0	0.5-0.8	0.5-0.7
		10"	0.9-1.4	0.7-1.1	0.6-0.9
PYRAMIN W	2-6 lbs	5"	0.9-1.1	0.7-0.9	0.6-0.7
		7"	1.3-1.6	1.0-1.3	0.8-1.0
		10"	1.8-2.3	1.4-1.9	1.2-1.5

NOTE: Use the low rates for fine soils or when the temperature exceeds 80°F.

Example: **BROADCAST TREATMENT**—Tank mix 2 to 3 pints of HERBICIDE 273 and 2 to 3 pounds of DOWPON M per acre.

BAND TREATMENT—For a 10" band and 32" row spacing tank mix 0.6 to 0.9 pint of HERBICIDE 273 and 0.6 to 0.9 pound of DOWPON M per acre.

*BETANAL is a registered trademark of Schering A.G. Berlin/Bergkamen

*BETANEX is a registered trademark of Schering A.G. Berlin/Bergkamen

*DOWPON M is a registered trademark of Dow Chemical Company

*PYRAMIN W is a registered trademark of BASF Wyandotte Corporation

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage Instructions: Store in the original container. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. Storage at temperatures below 32°F may result in the product freezing or crystallizing. Should this occur the product must be warmed to 50°F or higher and thoroughly agitated. In the event of a spillage during handling or storage, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal Instructions listed below.

Pesticide Disposal Instructions: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal Instructions: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

Atocem North America warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ATOCHEM OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

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