

**GENERAL**

Herbicide 282 is a liquid formulation which mixes readily with water for use in the Rocky Mountain Eastern slope area and Western Region of the Great Plains in the control of many annual grasses and broadleaved weeds in sugar beets such as cheat grass, volunteer barley, barnyard grass, green and yellow foxtail (Setaria), annual blue grass, bullgrass, red root or pigweed, Kochia, burr clover, blue weed (henbit), Texas blueweed, wild buckwheat, ragweed, purslane, smartweed, carrot weed, and shepherd's purse.

**DIRECTIONS FOR USE**

**PRE-PLANT or PRE-EMERGENCE—SUGAR BEETS**—Best results are obtained when Herbicide 282 is sprayed at planting time and imbedded to a shallow depth not exceeding 1 1/2 inches. High moisture content of soil is essential for best weed control.

**BAND TREATMENT**—Mix the recommended amount of Herbicide 282 listed in table below with sufficient water to give good coverage and apply as a band treatment before the beets emerge from soil.

**PINTS OF HERBICIDE 282 PER ACRE\***

Band Width Inches	Row Spacing in Inches		
	20	22	24
6	2 3/4-7 1/4	2 1/2-6 1/2	2 1/4-6
8	3 1/2-9 1/2	3 1/4-8 3/4	3-8
10	4 1/2-12	4-11	3 3/4-10

  

Band Width Inches	Row Spacing in Inches		
	28	32	36
6	2-5	1 3/4-4 1/2	1 1/2-4
8	2 1/2-6 3/4	2 1/4-6	2-5 1/4
10	3 1/4-8 1/2	2 3/4-7 1/2	2 1/2-6 1/2

\*Note: For light sandy soil, use the lower rate. For sand-clay mixed soil, use a medium rate. For heavy clay soils or soils with medium organic content, use higher rates. Do not use on high organic soils. Where furrow irrigation is practiced for germination, imbed chemical into top 1 1/2 inch of soil at or shortly before planting.

**BROADCAST TREATMENT** — Mix 1 1/8 to 3 gallons of Herbicide 282 with sufficient water to give good coverage and apply to one

(CONTINUED ON RIGHT PANEL)

Net Contents ..... U.S. Gal.

# HERBICIDE 282

Contains 1.6 lb. 7-oxabicyclo (2.2.1) heptane-2,3-dicarboxylic acid per gallon

**ACTIVE INGREDIENT**

Di (N, N dimethyltridecylamine) salt of Endothal\*

**INERT INGREDIENTS**

**TOTAL**

68.0%  
32.0%  
100.0%

\*7-oxabicyclo (2.2.1) heptane-2,3-dicarboxylic acid equivalent 19.2%

U. S. Patents: 2,900,411; 3,321,294, other patents pending

**DANGER**



**KEEP OUT OF REACH OF CHILDREN**

**READ SIDE PANEL FOR PRECAUTIONS AND EMERGENCY INSTRUCTIONS**

USDA Registration No. 4581-232



TACOMA, WASH. PHILADELPHIA, PA.  
OAK BROOK, ILL. BRYAN, TEXAS FRESNO, CALIF.  
MONTGOMERY, ALA.

ACCEPTED  
 11-25-69  
 UNDER THE FEDERAL INSECTICIDE ACT  
 FOR THE U.S. DEPARTMENT OF AGRICULTURE  
 FEDERAL REGISTER, WASHINGTON, D.C.  
 E.P. NUMBER NO. 4581-232

acre as a pre-plant or pre-emergence treatment. Rate is dependent upon soil type. The lower rates are to be used on sandy soils and the higher rates on clay soils and soils of organic content.

**CAUTION**

Avoid contact with or drift to other crops 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. Do not apply after beets emerge. Keep from freezing.

This product is toxic to fish. Keep out of lakes, ponds, and streams.

**WARNING**

**MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.**

**IRRITATING TO SKIN, NOSE, EYES, AND THROAT.**

**MAY BE ABSORBED THROUGH SKIN.**

**REPEATED SKIN EXPOSURE SHOULD BE AVOIDED.**

Do not get in eyes, on skin or on clothing. In case of skin contact, immediately flush skin or eyes with plenty of water for at least 15 minutes; for eyes get medical attention. If swallowed, give cold milk or cold water. Call a doctor immediately. Bathe and change clothing at least daily while using.

**Burn or bury containers; never re-use. Stay out of smoke and fumes. NOTICE**

Pennwalt Corporation 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. Pennwalt Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Pennwalt Corporation is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damage, such as loss of profits or values.

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ACCEPTED WITH COMMENTS

Cameraman's Note

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