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476-2150  
1/8/79

ACCEPTED  
SEP 18 1979  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 476-2150



# DEVIRINOL® 2-E

SELECTIVE HERBICIDE — EMULSIFIABLE LIQUID  
For Use on Tomatoes, Peppers, Strawberries and Tobacco

ACTIVE INGREDIENT:		
<i>N,N</i> -diethyl-2-(1-naphthalenyloxy)-propionamide	.....	21.8%
INERT INGREDIENTS:	.....	78.2%
		100.0%

Contains 2 pounds active ingredient per gallon  
® Trademark of Stauffer Chemical Company  
U.S. Patent No. 3,480,671

## Keep Out of Reach of Children DANGER

- Corrosive
- Causes eye damage and skin irritation.
- Do not get in eyes, on skin, or on clothing.
- Wear goggles or face shield and rubber gloves when handling.
- Harmful if swallowed or absorbed through the skin.
- Avoid contamination of food or feed.
- Do not use, store, spill, or pour near heat or open flame.

**FIRST AID:** In case of contact, immediately flush eyes or skin with plenty of water for at least fifteen minutes. For eyes, call a physician. Remove and wash contaminated clothing before re-use. If swallowed, do NOT induce vomiting. Immediately give large quantities of water or milk, if available. If vomiting occurs, give fluids again. Never give anything by mouth to an unconscious person. Call a physician or the nearest poison control center immediately.

### USE PRECAUTIONS

- Read all label directions before using. Use only for recommended purposes at recommended rates. Do not overdose.
- Do not contaminate irrigation water or water used for domestic purposes.
- Do not store near seeds or fertilizer.
- Do not apply more than once per season.
- DEVIRINOL is recommended for use on mineral soils only. Not recommended for use on soils with over 10% organic matter.
- Spraying on ground heavily covered with leaves or trash may adversely affect weed control.

### ENVIRONMENTAL CAUTIONS

- Keep out of lakes, streams, and ponds.
- Do not apply when weather conditions favor drift from areas treated.
- Apply only as directed on label.

**BEST AVAILABLE COPY**

Gal. Litres  
EPA Reg. No. 476-2150-AA EPA Est. No. 476-  
A-4

Made in U.S.A. by  
**STAUFFER CHEMICAL COMPANY**  
WESTPORT, CT 06880

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**PERENNIAL WEEDS:**

- Yellow Nutsedge (Yellow Nutgrass) (*Cyperus esculentus*)
- Purple Nutsedge (Purple Nutgrass) (*Cyperus rotundus*)

Existing stands of nutgrass must be turned under and chopped up thoroughly before treatment

**DIRECTIONS FOR USE**

The recommended tank mix controls weeds by interfering with normal seed germination and seedling development. It does not control established weeds. All weed growth and crop stubble should be thoroughly worked into the soil before treatment.

**TANK MIXING DIRECTIONS**

Be sure the sprayer tank, boom and nozzle have been thoroughly flushed with clean water if another pesticide has been used previously.

Sufficient jet or mechanical agitation should be provided during the filling operation and during application. Fill the spray tank at least one-fourth full of clean water and while pump and agitator are running, add the recommended amounts of the herbicides to the tank. Fill the tank with water to the desired level. Do not allow the mixture to stand in the spray tank without agitation.

Allow the pump to run several minutes before application to insure proper suspension and mixing. The tank-mix should not be left in the spray tank for prolonged periods; batches should be mixed and applied the same day.

**APPLICATION DIRECTIONS**

The soil should be well-worked and dry enough to permit good soil mixing (incorporation). Pour the recommended amounts of DEVRINOL 2-E and TILLAM 6-E into a spray tank during the filling operations. Apply in 25 to 50 gallons of water per acre.

For soil incorporated applications, use a properly calibrated, low-pressure, boom-type sprayer having good agitation.

In irrigated areas, do not apply before pre-irrigation. For all band applications, reduce dosage proportionately depending upon row spacing and band to be treated. Do not use on rocky ground because thorough incorporation is not possible.

**INCORPORATION DIRECTIONS**

The herbicides must be mixed (incorporated) into the soil IMMEDIATELY after application to prevent loss by evaporation. Whenever possible, application and incorporation should be done in the same operation.

**Incorporation Before Planting:** Use power-driven cultivation equipment set to cut to a depth of two to three inches in coarse soils and three to four inches in heavy soils OR a tandem disc set to cut to a depth of six inches, followed by a spike-toothed harrow or some other leveling device which extends beyond ends of the disc. For thorough mixing, disc in two different directions (cross disc).

**Incorporation At Planting:** Use power-driven cultivation equipment set to cut to a depth of two to three inches OR, on coarse soils only, ground-driven tillers (rolling cultivators, rotary hoe, row wheels, etc.) set to cut to a depth of 1 1/2 inches and operated at 6 to 8 mph. When using ground-driven tillers, precultivate if soil is crusted.

**PLANTING**

Crops should be planted or seeded immediately after application and incorporation. Do not use a drag behind the planter as it may concentrate the herbicides over the seed row and cause crop injury.

**CULTURAL PRACTICES FOLLOWING APPLICATION**

Shallow cultivation may be necessary to control those susceptible weeds that escape control as well as those weeds not susceptible to either herbicide. Do not cultivate deeper than the depth of herbicide incorporation.

When cultivating fields where the tank mix has been banded in the row, use shields to prevent the movement of untreated soil into the treated row.

**RECOMMENDATIONS**

**TOMATOES (Direct Seeded (California Only) and Transplant):**

Apply 1/2 to 1 gallon DEVRINOL 2-E plus 2 2/3 to 4 quarts TILLAM 6-E per broadcast acre. Use the lower rates on light soils (coarse textured - sandy) and the higher rate on heavy soils (fine textured - clay). Do not use hotcaps on transplanted tomatoes.

**TOBACCO (Transplanted):**

Before transplanting, apply 1/2 gallon DEVRINOL 2-E plus 2 2/3 quarts TILLAM 6-E per broadcast acre.

**STORAGE AND DISPOSAL**

- 1. PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.
- 2. STORAGE:** Store in a cool dry place. Do not store below 20°F. Keep container closed when not in use.
- 3. PESTICIDE DISPOSAL:** Rinse spray equipment and empty container. Pesticide, spray mixture, or rinsate that cannot be used or chemically processed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
- 4. CONTAINER DISPOSAL:** (a) Reseal container and offer for reconditioning, or (b) Triple rinse (or equivalent) and: Offer for recycling, reconditioning, or disposal in approved landfill, or perforate, crush and bury in a safe place away from water supplies.
- 5. GENERAL:** Consult federal, state or local disposal authorities for approved alternative procedures.

**NOTICE — READ CAREFULLY**

**CONDITIONS OF SALE:** Stauffer (and seller) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

**WARRANTY LIMITATION:** Stauffer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties; THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

**INHERENT RISKS:** The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

**LIMITATION OF LIABILITY:** In no case shall Stauffer be liable for special, indirect or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

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