

1063

PM25
476-2150

ACCREDITED	
25 MAR 1980	
For	At
Location	City
Organization	State
EPA Reg. No. 476-2150	

2 of 3



DEVIRINOL 2-E

— EMULSIFIABLE LIQUID
for Corns, Strawberries and Tobacco

Active ingredient	21.8%
Inert ingredients	78.2%
Active ingredient per gallon	100.0%
Stauffer Chemical Company	

Protection of Children PREVENT

Prevents eye damage and skin irritation.
Washes off when handling.
Protects the skin.
Avoid contact with open flame.
Flush eyes or skin with plenty of water for 15 minutes. Remove and wash contaminated clothing. If vomiting occurs, give large amounts of water. Never give anything by mouth. Call a physician or the nearest poison control center.

Use only for recommended purposes at recommended rates. Do not use for other purposes.

Use on mineral soils only. Not recommended for use on heavy soils. Leaves or trash may adversely affect weed control.

Prevent drift from areas treated.

____ Litres
EPA Est. No. 476-____

A-5

Label. No express or implied license is granted to use this product except as specified.

Country: U.S.A. Patent No.: 3,480,671; 3,718,455

U.S.A. by

STAUFFER CHEMICAL COMPANY
P.O. Box 1000, CT 06880

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 DEVIRINOL 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, pre-cultivate 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 DEVIRINOL 2-E plus 2 1/2 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 DEVIRINOL 2-E plus 2 1/2 quarts TILLAM 6-E per broadcast acre.

STORAGE AND DISPOSAL

- PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.
- STORAGE:** Store in a cool dry place. Do not store below 20°F. Keep container closed when not in use.
- 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.
- 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.
- 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.

BEST AVAILABLE COPY

30 of 3

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. DEVRINOL 2-E is a selective, surface-applied herbicide for use in strawberries. It is also recommended for weed control in certain vegetables and tobacco, applied and incorporated prior to planting.

DEVRINOL 2-E controls weeds before they emerge. It does not control established weeds. All weed growth and crop stubble in fields intended for vegetables or tobacco must be thoroughly worked into the soil prior to planting.

Spray equipment should be carefully calibrated before use and checked frequently during application to be sure nozzles are free from clogging and are delivering a uniform spray pattern. Apply the recommended rate of DEVRINOL 2-E in 20 to 100 gallons of water per acre.

STRAWBERRIES

WEEDS CONTROLLED

NOTE: DEVRINOL does not control established weeds.

ANNUAL GRASSES:

- Annual Bluegrass (*Poa annua*)
- Barnyardgrass - Watergrass (*Echinochloa spp.*)
- Bristly Foxtail (*Setaria verticilla*)
- Large (Hairy) Crabgrass (*Digitaria sanguinalis*)

- Ripgut Brome (*Bromus rigidus*)
- Southwestern Cupgrass (*Eriochloa gracilis*)
- Wild Barley (*Hordeum leporinum*)
- Wild Oats (*Avena fatua*)

ANNUAL BROADLEAF WEEDS:

- Chickweed (*Stellaria media*)
- Common Fiddleneck (*Amsinckia intermedia*)
- Common Knotweed (*Polygonum aviculare*)
- Common Purslane (*Portulaca oleracea*)
- Common Sowthistle (*Sonchus oleraceus*)
- Filaree (*Erodium spp.*)

- Groundsel (*Senecio spp.*)
- Little Mallow* (*Malva parviflora*)
- Lambsquarters (*Chenopodium album*)
- Pineappleweed (*Matricaria matricarioides*)
- Prickley Lettuce (*Lactuca scariola*)
- Redroot Pigweed (*Amaranthus retroflexus*)

*From seed.

RECOMMENDATIONS

NOTE: All rates are given on a broadcast basis. Reduce rates proportionately for band or strip treatment.

STRAWBERRIES (Post Transplant and Established):

For control of all weeds listed, apply 2 gallons DEVRINOL 2-E per broadcast acre to the soil surface. Apply in the fall through early spring, prior to weed emergence. Do not apply DEVRINOL 2-E to frozen ground. Do not apply DEVRINOL from bloom to harvest. For best results, the treatment must reach the zone of weed seed germination. Treatments made other than in November through February must be irrigated-in within 24 hours (sprinkler or flood) with sufficient water to wet the soil to a depth of at least 2 to 4 inches. Irrigation or shallow incorporation is recommended for treatments made from November through February if no rainfall occurs within one week of application.

VEGETABLES & TOBACCO

WEEDS CONTROLLED

NOTE: DEVRINOL 2-E does not control established weeds.

ANNUAL GRASSES:

- Barnyardgrass (*Echinochloa spp.*)
- Crabgrass (*Digitaria spp.*)
- Fall Panicum (*Panicum dichotomiflorum*)

- Goosegrass (*Eleusine indica*)
- Seeding Johnsongrass (*Sorghum halepense*)

ANNUAL BROADLEAF WEEDS:

- Carpetweed (*Mollugo verticillata*)
- Common Purslane (*Portulaca oleracea*)

- Lambsquarters (*Chenopodium album*)
- Pigweed (*Amaranthus spp.*)

DIRECTIONS FOR USE

On flat-planted or bedded crops apply, before planting, to well worked soil that is dry enough to permit thorough incorporation to a depth of 1 to 2 inches. Incorporate the same day as applied, using equipment which will result in uniform incorporation of the herbicide to the desired depth.

After harvest or prior to planting of succeeding crops, a deep moldboard or disc plowing operation must be carried out.

Do not seed to alfalfa, small grains, sorghum, corn, lettuce or sugarbeets for 12 months after DEVRINOL 2-E application.

RECOMMENDATIONS

NOTE: All rates are given on a broadcast basis. Reduce rates proportionately for band or strip treatment.

TOMATOES (Direct Seeded and Transplanted):

Apply 1/2 to 1 gallon DEVRINOL 2-E per broadcast acre. Use the lower rate on light soil (coarse textured - sandy) and the higher rate on heavy soil (fine textured - clay).

PEPPERS (Direct Seeded and Transplanted):

Apply 1/2 to 1 gallon DEVRINOL 2-E per broadcast acre. Use the lower rate on light soil (coarse textured - sandy) and the higher rate on heavy soil (fine textured - clay).

TOMATOES (Transplanted):

Before transplanting, apply 1/2 to 1 gallon DEVRINOL 2-E per broadcast acre. Use the lower rate on light soil (coarse textured - sandy) and the higher rate on heavy soil (fine textured - clay).

DEVRINOL 2-E/TILLAM 6-E TANK MIX COMBINATION

A tank mix combination of DEVRINOL 2-E and TILLAM 6-E can be applied and mixed (incorporated) into the soil before planting for weed control in tomatoes and tobacco.

IMPORTANT:

Observe all cautions and limitations on labeling of all products used in combination.

Make only one application per season.

In each case where a range of rates is given, the lower rates should be used on light (coarse textured) soils and soils low in organic matter. The higher rates should be used on heavy (fine textured) soils.

After harvest or prior to planting of succeeding crops, a deep moldboard or disc plowing operation must be carried out.

Do not seed to alfalfa, small grains, sorghum, corn, lettuce or sugarbeets for 12 months after application of the DEVRINOL 2-E/TILLAM 6-E tank mix.

WEEDS CONTROLLED:

The tank mix is recommended for control of the following weeds:

ANNUAL GRASSES:

- Barnyardgrass - Watergrass (*Echinochloa spp.*)
- Bermudagrass (*Cynodon dactylon*)
- Crabgrass (*Digitaria spp.*)
- Foxtail - yellow, giant, green (*Setaria spp.*)

- Goosegrass (*Eleusine indica*)
- Millet (*Setaria spp.*)
- Signalgrass (*Brachiaria piligera*)
- Wild Oats (*Avena fatua*)

ANNUAL BROADLEAF WEEDS:

- Blackeyed Susan; Sweet Suzy (*Rudbeckia serotina*)
- Common Purslane (*Portulaca oleracea*)
- Deadnettle; Henbit (*Lamium amplexicaule*)
- Florida Pusley (*Richardia scabra*)
- Hairy Nightshade (*Solanum villosum*)

- Lambsquarters (*Chenopodium album*)
- Nettleleaf Goosefoot (*Chenopodium murale*)
- Prostrate Pigweed (*Amaranthus gracilians*)
- Redroot Pigweed (*Amaranthus retroflexus*)
- Shepherdspurse (*Capsella bursa-pastoris*)

DEVRI

SELECTIVE HERBICIDE

For Use on Tomatoes,

ACTIVE INGREDIENT:

N,N-diethyl-2-(1-naphthalenyloxy)-p

INERT INGREDIENTS:

Contains 2 po

©Trademark

Keep Out

- Corrosive
- Do not get in eyes, on skin, or on
- Wear goggles or face shield and
- Harmful if swallowed or absorbed
- Avoid contamination of food or f
- Do not use, store, spill, or pour n

FIRST AID: In case of contact, im at least fifteen minutes. For eye: clothing before re-use. If swallow quantities of water or milk, if avai anything by mouth to an uncon control center immediately.

USE PRECAUTIONS

- Read all label directions before mended rates. Do not overdose
- Do not contaminate irrigation w
- Do not store near seeds or fertil
- Do not apply more than once p
- DEVRINOL is recommended fo on soils with over 10% organic
- Spraying on ground heavily c control.

ENVIRONMENTAL CAUTION

- Keep out of lakes, streams, ar
- Do not apply when weather cr
- Apply only as directed on labe

EPA Reg. No. 476-2150-AA

This product is sold only for uses or sell this product under any paten

STAUFFER

WE

BEST AVAILABLE COPY