

TREFLAN® E.C. (E.P.A. Reg. No. 1471-35)
TREFLAN® M.T.F.™ (E.P.A. Reg. No. 1471-116)
TREFLAN® 5™ (E.P.A. Reg. No. 1471-120)

**TREFLAN APPLIED ALONE AND IN COMBINATION FOR
WEED CONTROL IN ESTABLISHED ALFALFA**

TREFLAN can be activated for barnyardgrass, crabgrass and foxtail control in established alfalfa either by rainfall/overhead sprinkler irrigation or by mechanical incorporation.

Apply TREFLAN with ground application equipment to established alfalfa stands prior to weed emergence at a broadcast rate of two (2) quarts of TREFLAN E.C. or M.T.F. or 1.6 quarts of TREFLAN 5 per acre for all soil textures. A single rainfall or overhead sprinkler irrigation of 0.5 inches or more after application is required to activate TREFLAN. If this does not occur within three (3) days after application, TREFLAN should be activated using incorporation equipment that will ensure thorough soil mixing with minimum damage to the established alfalfa.

Precaution: In the season following a 2 quart per acre TREFLAN E.C. or M.T.F. or a 1.6 quart per acre TREFLAN 5 treatment, where established alfalfa is to be rotated to another crop, plant only those crops for which TREFLAN can be applied as a preplant treatment or injury may result.

TREFLAN Combinations

TREFLAN may be used in combination with Butoxone®, Karmex®, Kerb®, Lexone®, paraquat, Princep® (simazine), Sencor® or Velpar®. Weeds listed on the combination product label will be controlled in addition to those listed for TREFLAN. All applicable directions, restrictions and precautions on the EPA-registered labels are to be followed.

TREFLAN/Butoxone (2,4-DB): Apply Butoxone (2,4-DB) as a sequential treatment to TREFLAN. The Butoxone rate per acre varies with weeds to be controlled. Butoxone rates vary from four and one-third to six and one-half (4 1/3 - 6 1/2) pints per acre.

TREFLAN/Karmex (diuron): Apply Karmex (diuron) in tank mix or as a sequential treatment to TREFLAN. Karmex rate per acre varies with geographic location, crop stage and seasonal timing. Karmex rates vary from one and one-half to four (1 1/2 - 4) pounds per acre.

TREFLAN/Kerb: Apply Kerb in tank mix or as a sequential treatment to TREFLAN. The Kerb rate per acre varies with rainfall/irrigation, weeds to be controlled, and type of application. Rates vary from one to four (1 - 4) pounds of Kerb 50W per acre.

TREFLAN/Lexone: Apply Lexone in tank mix or as a sequential treatment to TREFLAN. The Lexone rate per acre varies with soil texture and organic matter from one-half to one and one-third (1/2 to 1 1/3) pounds per acre with the Lexone DF and from three-fourths to two (3/4 - 2) pints per acre with Lexone 4L.

TREFLAN/Ortho® Paraquat CL (paraquat): Apply Ortho Paraquat CL (paraquat) in tank mix or as a sequential treatment to TREFLAN. The paraquat rate per acre varies with geographic location and weeds to be controlled. Paraquat rates vary from two to three (2 - 3) pints of Ortho paraquat CL per acre.

TREFLAN/Princep (simazine): Apply Princep (simazine) in tank mix or as a sequential treatment to TREFLAN. Princep rate per acre varies with geographic location, soil texture and age of the alfalfa stand. Princep rates vary from nine-tenths to one and three-tenths (0.9 - 1.3) pounds of the Princep Caliber® 90 or equivalent rates of other simazine formulations.

TREFLAN/Sencor: Apply Sencor in tank mix or as a sequential treatment to TREFLAN. The Sencor rate varies with geographic location and weeds to be controlled. The Sencor rates per acre vary from three-fourths to two (3/4 - 2) pints of Sencor 4 and from one-third to one and one-third (1/3 - 1 1/3) pounds of Sencor DF.

TREFLAN/Velpar: Apply Velpar in tank mix or as a sequential treatment to TREFLAN. The Velpar rate per acre varies with weeds to be controlled and soil texture. Velpar rates vary from one-half to one and one-half (1/2 - 1 1/2) pounds per acre.

TREFLAN® E.C., M.T.F.™, TREFLAN® 5™, - trifluralin - Elanco Products Company

Butoxone® - 2,4-DB - Vertac Chemical Corporation.

Karmex® - diuron - E.I. DuPont de Nemours and Company

Kerb® - pronamide - Rohm and Haas Company

Lexone® - metribuzin - E.I. DuPont de Nemours and Company

Ortho® - registered trademark of Chevron Chemical Company

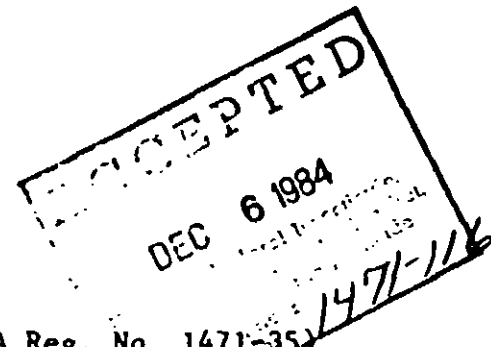
Princep® - simazine - Ciba-Geigy Corporation

Sencor® - metribuzin - Bayer GmbH

Velpar® - hexazinone - E. I. DuPont de Nemours and Company

datrefsupp58
Revised 10/15/84

Elanco Products Company
A Division of Eli Lilly and Company
Indianapolis, Indiana 46285



TREFLAN® E.C. (EPA Reg. No. 1471-35)
 TREFLAN® M.T.F.™ (EPA Reg. No. 1471-116)
 TREFLAN® 5 (EPA Reg. No. 1471-120)

**TREFLAN/LASSO®/SENCOR® OR TREFLAN/LASSO/LEXONE®
 TANK MIX PREPLANT INCORPORATED FOR WEED CONTROL IN SOYBEANS**

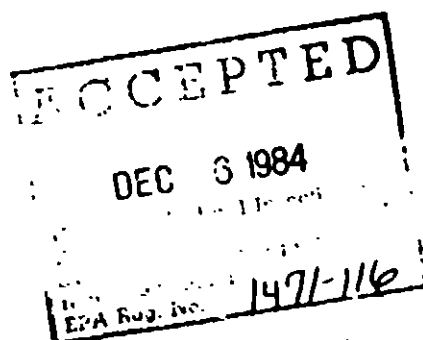
TREFLAN/Lasso/Sencor or TREFLAN/Lasso/Lexone tank mix controls those weeds listed on the TREFLAN label plus these additional weeds:

Galinsoga	Prickly sida
Jimsonweed	Ragweed, common
Mallow, Venice	Rice, red**
(Flower-of-an-hour)	Sesbania, hemp
Mustard, wild	Smartweed, Pennsylvania
Nightshade, black*	Velvetleaf
Nightshade, hairy*	Witchgrass
Nutsedge, yellow**	

An additional weed partially controlled by these combinations is Florida beggarweed.

* or ** Check rate table for additional information.

TREFLAN/Lasso/Sencor or TREFLAN/Lasso/Lexone tank mix: Follow soil preparation recommendations for TREFLAN. Apply the tank mix in a minimum of 15 gallons of water or liquid fertilizer per acre. Set incorporation equipment to work the soil no deeper than four (4) inches. Apply the tank mix up to seven (7) days prior to planting.



TREFLAN® E.C. (EPA Reg. No. 1471-35)
TREFLAN® M.T.F.™ (EPA Reg. No. 1471-116)
TREFLAN® S (EPA Reg. No. 1471-120)

**TREFLAN/DUAL®/SENCOR® OR TREFLAN/DUAL/LEXONE®
TANK MIX PREPLANT INCORPORATED FOR WEED CONTROL IN SOYBEANS**

TREFLAN/Dual/Sencor or TREFLAN/Dual/Lexone effectively control those weeds listed on the label for TREFLAN plus these additional weeds:

Black nightshade	Red rice
Common ragweed	Southwestern cupgrass
Hemp sesbania	Velvetleaf
Jimsonweed	Venice mallow
Pennsylvania smartweed	(Flower-of-an-hour)
Prairie cupgrass	Wild mustard
Prickly sida	Yellow nutsedge

Additional weeds partially controlled by this combination include:

Hairy nightshade
Volunteer sorghum

Follow recommended soil preparation and incorporation procedures for TREFLAN.

Apply TREFLAN/Dual/Sencor or TREFLAN/Dual/Lexone in 10-40 gallons of water per acre with conventional low pressure sprayers and in a minimum of 5 gallons of water per acre by air. The tank mix can be applied up to 14 days prior to planting.

ACCEPTED

NOV 13 1984

U.S.
FEDERAL
OFFICE
OF
REGISTRATION
EPA Reg. No.

1471-116

ELANCO

ID 5560

Herbicide

Treflan

M.T.F.

TM

Net Contents 2½ Gallons

A selective herbicide for the pre-emergence control of annual grasses and broadleaf weeds

Active Ingredient:

trifluralin* (α,α,α-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine) 41.2%

Inert Ingredients 58.8%

Contains 4 pounds active ingredient per gallon

*TREFLAN®, M.T.F.®-Trademarks for Elanco Products multiple temperature formulation of trifluralin

U.S. Patent No. Re 31227

Keep Out of Reach of Children.

CAUTION

See back for additional cautions

M.T.F.

EPA Reg No 1471-116

EPA Est. 1471-IN-2

WS 1022 AMX

MULTIPLE TEMPERATURE FORMULATION
MAY BE STORED IN UNHEATED FACILITIES

STORAGE AND DISPOSAL

Storage: Store in original container only. May be stored in unheated facilities. Do not store near heat or flame. In case of leak or spill, use absorbant materials to contain liquids and dispose as waste.

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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

Directions for Use

See literature on side of container for complete directions for use.

Read all directions carefully before applying.

It is a violation of Federal law to use this product in a manner inconsistent with the label.

SHAKE WELL BEFORE USE.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Harmful if swallowed, inhaled, or absorbed through the skin. Do not contaminate feedstuffs or feeds.

First Aid: In case of contact immediately flush eyes or skin with plenty of water. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

Environmental Hazards

Direct contamination of any body of water with this emulsifiable concentrate may kill fish and other aquatic organisms. Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

Storage: May be stored in unheated facilities. Do not store near heat or flame.

Disposal: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Empty container into spray tank. Refill container with water 1/5 to 1/3 full pour into tank, triple rinse and drain. Puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by open burning. If burned, stay out of smoke.

SEE
NEW
COPY

The manufacturer makes no warranties, express or implied, concerning this product or its use, which extend beyond the description on the label or in literature published by Elanco Products Company, and all statements made concerning this product apply only when used as directed. Elanco Products Company expressly disclaims all warranties, express or implied, in relation to any use of the product in combination or sequential use with any other product not specifically recommended in writing by Elanco Products Company. If used in a combination or sequential use recommended by Elanco Products Company, the liability of Elanco shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the Elanco product in such combination or sequential use.

Elanco Products Company • A Division of Eli Lilly and Company
Indianapolis, IN 46285, U.S.A.

WS 1032 AMX
LP 3112 AMB
ID 5560

TREFLAN M.T.F. may cause skin sensitization reactions in certain individuals. Use eye protection and protective clothing such as coveralls, a long sleeved shirt, and impermeable gloves when handling this product.

152****/EC*MTF/LABELS/US/F5004/39

TREFLAN® E.C. (EPA Reg. No. 1471-35)
TREFLAN® M.T.F.™ (EPA Reg. No. 1741-116)
TREFLAN® PRO-5™ (EPA Reg. No. 1741-120)

ACCEPTED

INCORPORATION OF TREFLAN® WITH BEDDING IMPLEMENTS
FOR WEED CONTROL IN COTTON

FEB 23 1984

Bedding implements (listers and hippers) may be used to incorporate TREFLAN into the soil for weed control in cotton. Since bedding equipment does not provide thorough incorporation under all conditions, it is important to closely follow the directions below to optimize weed control performance. Weed control resulting from single pass incorporation with bedding equipment will be reduced compared to conventional double pass incorporation. Apply the amount of TREFLAN recommended in the label.

1471-35
-116
-120

Soil Preparation

Crop Residues or Existing Weeds: Ground cover, such as crop residues or existing weeds, can interfere with the incorporation of TREFLAN into the soil. A manageable level of such ground cover will allow the TREFLAN to be uniformly incorporated into the top 2 to 3 inches of soil. If the level of the ground cover is such that this cannot be done, you must till the soil prior to the application of TREFLAN.

Roughness: The soil surface should be smooth enough so that you can operate a sprayer and incorporation equipment efficiently and at speeds which ensure a uniform application and incorporation of TREFLAN.

General Soil Conditions: To assure uniform incorporation of TREFLAN, soil moisture conditions should be such that large clods can be broken up during the incorporation process.

the soil.

Weather conditions, cultural practices, bed tillage and planting procedures will determine location of the TREFLAN in the soil. Weed control obtained will be dependent upon location of the TREFLAN at the time of planting.

If TREFLAN is moved during bed tillage or planting, a band application of TREFLAN at planting or a postemergence application of TREFLAN may be required to ensure good weed control.

Precautions

Do not incorporate with the bedder if the soil is too wet for good mixing.

Read the TREFLAN label for additional directions, precautions and limitations prior to use. Do not exceed recommended rates.

TREFLAN E.C., M.T.F., PRO-5™ - trifluralin, Elanco Products Company

Elanco Products Company
A Division of Eli Lilly and Company
Indianapolis, Indiana 46285

datrefsupp50
Revised 1/30/84

TREFLAN® MTF* (EPA Reg. No. 1471-116)
TREFLAN® PRO-5* (EPA Reg. No. 1471-120)

TREFLAN FALL APPLICATION FOR WEED CONTROL IN SOYBEAN
UPDATE: CHISEL PLOW ADDED AS INCORPORATION IMPLEMENT

TREFLAN may be applied according to the existing fall application directions for weed control in soybean. Follow fall application rate recommendations. Apply and incorporate anytime after October 15. The second incorporation should be done prior to planting in the spring.

The first incorporation should be accomplished using equipment recommended on the label or the chisel plow. The chisel plow is defined as:

A tillage implement having three (3) rows of shanks spaced from 12 to 15 inches apart. Use either straight points or twisted shovels. The chisel plow should be operated from seven (7) to ten inches deep at speeds from four (4) to six (6) miles per hour.

The chisel plow is recommended for the first pass only. Use implements listed on the label for the second incorporation.

Read the TREFLAN label for directions, cautions and limitations, prior to use.

TREFLAN® M.T.F., PRO-5* - trifluralin, Elanco Products Company

Elanco Products Company
A Division of Eli Lilly and Company
Indianapolis, Indiana 46285

5/16/83 Revision
(datrefsupp44)

ACCEPTED

JUN

1471-116