

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 26 1991

Dennis H. Lade, Ph.D.
DowElanco
9002 Purdue Road
Indianapolis, IN 46268-1189

Dear Dr. Lade:

Subject: Supplemental Labels:

- Fall Application for Weed Control in Cotton to be
Grow the Following Year
- Tank Mix with Pursuit for Weed Control in Peanuts
- Treilan/Scepter Combinations for Weed Control in
Soybeans

Treilan 80DC

EPA Registration No. 62719-216

Your Submissions Dated September 5 and 6, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provision:

Make the following revision on the supplemental label for Tank Mix with Pursuit for Weed Control in Soybeans. For the purpose of clarity, rewrite the last sentence of the supplemental label to read "Read the Pursuit label for use of Pursuit on peanuts for application rates, use directions, precautions and limitations before use."

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for each of the referenced supplemental labels, incorporating the above change.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	9/24/91						

Supplemental Labeling

SEP 25 1991

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

62719-216



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan[®] EO (EPA Reg. No. 62710-03)~~
~~Treflan MTF (EPA Reg. No. 62710-116)~~
~~Treflan S (EPA Reg. No. 62710-118)~~
 Treflan 80DC (EPA Reg. No. 62719-216)
~~Treflan TR-10 (EPA Reg. No. 62710-121)~~

Treflan for Partial Control or Suppression of Annual Brome Species (Cheatgrass, Downy Brome, Japanese Brome, Hairy Chess) and Jointed Goatgrass in Winter Wheat in Colorado, Kansas, Nebraska and Wyoming

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Treflan before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Treflan.

Directions for Use

Treflan may be applied as a preplant incorporated treatment for partial control or suppression of annual Brome species (cheatgrass, downy brome, Japanese brome, hairy chess) and jointed goatgrass in winter wheat in Colorado, Kansas, Nebraska, and Wyoming. Apply Treflan anytime during a period from three (3) weeks before planting up to immediately prior to planting.

Broadcast Rates Per Acre¹

Soil Texture	Treflan E.G. or M.T.F.	Treflan S	Treflan 80DC	Treflan TR-10
			(ounces)	(pounds)
Course	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Medium	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Fine	1.5	1.2	15	7.5

¹Use the higher rate in the rate range where heavy weed populations are anticipated or where medium to high crop residues are present.

Incorporation and Planting Directions: Treflan should be incorporated with tillage equipment such as a flexible tine-tooth harrow or springtooth harrow that mixes the soil no more than 1-2 inches deep. The grain drill (disc drill or hoe drill) can serve as the incorporation implement. Do not use discs, undercutters or field cultivators for incorporation. Incorporate one time within 24 hours after application. Use a grain drill that will place the seed below the zone of soil into which Treflan has been incorporated.

One pass incorporation is adequate; however, where the grain drill is used as the incorporation tool, mounting a springtooth harrow in front of the drill can enhance performance. Where a tillage tool is used to incorporate prior to planting, the wheat must be seeded below the Treflan treated soil or crop injury may result. The wheat seed should be placed at least 1 1/2 - 2 inches deep.

(continued on back)

Precautions:

- Crop injury in the form of delayed emergence and development may result from planting wheat in direct contact with treated soil.
- Do not incorporate with undercutters, field cultivators, chisel plows or discs. Any implement that incorporates Treflan deeper than the planting depth of wheat will contribute to crop injury.
- Use of seeding equipment that does not place the seed below the Treflan treated soil layer will result in crop injury.
- Use of Treflan in accordance with this label may result in stand reduction.
- Heavy rainfall prior to wheat emergence can cause soil compaction and soil crusting resulting in delayed emergence, stand reduction, stunting and yield loss.

*Trademark of DowElanco

T2EAGXXX Approved __/__/__

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 25 1991

Dennis H. Lade, Ph.D.
DowElanco
9002 Purdue Road
Indianapolis, IN 46268-1189

Dear Dr. Lade:

Subject: Supplemental Labels:

-Control of Brome Species and Jointed Goatgrass in
Winter Wheat in Colorado, Kansas, Nebraska and
Wyoming

-Control of Brome Species and Jointed Goatgrass in
Winter Wheat in Oklahoma, South Dakota and Texas

Treflan 80DC

EPA Registration No. 62719-216

Your Submissions Dated September 13, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

1) Under the Precautions of the supplemental label for use in Colorado, Kansas, Nebraska and Wyoming, add the sentence "Read the Treflan label for additional precautions and limitations before use."

2) The supplemental label for use in Oklahoma, South Dakota and Texas also mentions the additional states of Colorado, Kansas, Nebraska and Wyoming in the first paragraph of the label text. Assuming that this label is only intended for use in the states mentioned in the title, these additional states should be deleted from the text.

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for each of the referenced supplemental labels, incorporating the above changes.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. KENN						
DATE	9/24/91						

Supplemental Labeling

with COMMENTS
EPA Letter Dated:

8EP 25 1991

Under the Federal Insecticide,
Fungicide, and
as amended, and
registered under the Act, No.



DowElanco

DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan E.O. (E.P.A. Reg. No. 62710-03)~~
~~Treflan M.T.F. (E.P.A. Reg. No. 62710-116)~~
~~Treflan 5 (E.P.A. Reg. No. 62710-118)~~
 Treflan 80DC (EPA Reg. No. 62719-216)
~~Treflan TR-10 (E.P.A. Reg. No. 62710-131)~~

Treflan for Partial Control or Suppression of Annual Brome Species (Cheatgrass, Downy Brome, Japanese Brome, Hairy Chess) and Jointed Goatgrass in Winter Wheat in Oklahoma, South Dakota and Texas

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Treflan before applying. Carefully follow use precautions and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all precautions and limitations imposed by the label affixed to the container for Treflan.

Treflan may be applied as a preplant incorporated treatment for partial control or suppression of annual Brome species (cheatgrass, downy brome, Japanese brome, hairy chess) and jointed goatgrass in winter wheat in Colorado, Kansas, Nebraska, Oklahoma, South Dakota, Texas and Wyoming. Apply Treflan anytime during a period from three (3) weeks before planting up to immediately prior to planting.

Broadcast Rates Per Acre¹

Soil Texture	Treflan E.O. or M.T.F.	Treflan 5	Treflan 80DC	Treflan TR-10
			(ounces)	(pounds)
Course	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Medium	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Fine	1.5	1.2	15	7.5

¹Use the higher rate in the rate range where heavy weed populations are anticipated or where medium to high crop residues are present.

Incorporation and Planting Directions: Treflan should be incorporated with tillage equipment (flexible tine-tooth harrow or springtooth harrow such as Flex-Tyne® or Crust Buster® that mixes the soil no more than 1-2 inches deep. The grain drill (disc drill or hoe drill) can serve as the incorporation implement. Do not use discs, undercutters or field cultivators for incorporation. Incorporate one time within 24 hours after application. Use a grain drill that will place the seed below the zone of soil into which Treflan has been incorporated.

One pass incorporation is adequate; however, where the grain drill is used as the incorporation tool, mounting a springtooth harrow in front of the drill can enhance performance. Where a tillage tool is used to incorporate prior to planting, wheat must be seeded below the Treflan treated soil or crop injury may result. Wheat seed should be planted at least 1 1/2 - inches deep.

continued on back

Precautions:

- Crop injury in the form of delayed emergence and development may result from planting wheat in direct contact with treated soil.
- Do not use undercutters, field cultivators, chisel plows or discs as incorporation tools. Any implement that incorporates Treflan deeper than the seeded wheat will contribute to crop injury.
- Use of seeding equipment that does not place the seed below the Treflan treated soil layer will result in crop injury.
- Use of Treflan in accordance with this label may result in some crop stand reduction but does not normally adversely affect yield.
- Heavy rainfall prior to wheat emergence can cause soil compaction and soil crusting resulting in delayed emergence, stand reduction, stunting and yield loss.
- Read the Treflan label for additional precautions and limitations before use.

*Trademark of DowElanco

122-T2EAGXXX Approved __/__/__

Supplemental Labeling



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan® E.G. (EPA Reg. No. 62719-02)~~
~~Treflan M.T.F. (EPA Reg. No. 62710-116)~~
~~Treflan 5 (EPA Reg. No. 62710-118)~~
 Treflan 80DC (EPA Reg. No. 62719-216)
~~Treflan TR-10 (EPA Reg. No. 62710-131)~~

For Distribution and Use Only In the State of Texas

Fall Application to Fine Textured Soils for Weed Control
 In Cotton to be Grown the Following Year

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the Treflan Herbicide container before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the Treflan Herbicide container.

Directions for Use

Apply Treflan herbicide to fine textured soils in the fall between September 1 and October 15 for weed control in Cotton to be grown the following year. Fine textured soils include clay, clay loam, silty clay loam†, silty clay, sandy clay, and sandy clay loam† soil textures. Follow application and incorporation directions on the label for Treflan.

Broadcast Application Rates:

Soil Texture	Treflan E.G. or M.T.F.	Treflan 5	Treflan 80DC	Treflan TR-10
	(pints/acre)	(pints/acre)	(ounces/acre)	(pounds/acre)
Fine Soils Only	4.0	3.2	40.0	20.0

† Silty clay loam and sandy clay loam soils are transitional and may be classified as either medium or fine textured soils if they contain predominantly silt or sand, respectively. For details, refer "Soil Texture Guide for Application Rates" in the "General Information" section of the label for Treflan.

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

SEP 25 1991

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, this product is
 registered under EPA Reg. No.

*Trademark of DowElanco

T2EAGXXX Approved 1-1
 Replaces EA 7141

62719-216

Supplemental Labeling



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan® E.G. Herbicide (EPA.Reg. No. 62719-03)~~
~~Treflan M.T.F. Herbicide (EPA.Reg. No. 62719-116)~~
~~Treflan 5 Herbicide (EPA.Reg. No. 62719-118)~~
 Treflan 80DC Herbicide (EPA.Reg. No. 62719-216)

Treflan/Pursuit Combinations for Weed Control in Spanish Peanuts or Florunner and Florigiant Varieties.

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Treflan.

Directions for Use

Treflan may be tank-mixed with Pursuit and applied as a preplant incorporated treatment to control additional weeds. Follow application and incorporation directions provided in the label for Treflan.

Broadcast Application Rates/Acre*:

Soil Texture	Treflan E.G. or Treflan M.T.F.	Treflan 5	Treflan 80DC
	(pints)	(pints)	(ounces)
Coarse	1.0	0.8	10
Medium	1.5	1.2	15

*Refer to the labeling for use of Pursuit on peanuts for application rates.

Pursuit may also be used as a preemergence, "at cracking", postemergence or sequential (split) application following preplant soil incorporated application of Treflan. Refer to the labeling for use of Pursuit on peanuts for application rates, use directions, cautions and limitations before use.

ACCEPTED
with COMMENTS
to EPA Letter Dated.

SEP 25 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, the registration
of this pesticide is hereby
renewed.

62719-216

*Trademark of DowElanco

122-T2EAGXXX
Initial Printing

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 26 1991

Dennis H. Lade, Ph.D.
DowElanco
9002 Purdue Road
Indianapolis, IN 46268-1189

Dear Dr. Lade:

Subject: Supplemental Labels:

- Fall Application for Weed Control in Cotton to be Grown the Following Year
- Tank Mix with Pursuit for Weed Control in Peanuts
- Treflan/Scepter Combinations for Weed Control in Soybeans

Treflan 80DC

EPA Registration No. 62719-216

Your Submissions Dated September 5 and 6, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provision:

Make the following revision on the supplemental label for Tank Mix with Pursuit for Weed Control in Soybeans. For the purpose of clarity, rewrite the last sentence of the supplemental label to read "Read the Pursuit label for use of Pursuit on peanuts for application rates, use directions, precautions and limitations before use."

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for each of the referenced supplemental labels, incorporating the above change.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	9/24/91						

U.S. Crop Production

Supplemental Labeling

10 2 11

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEPT 25 1991

for the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA P.



DowElanco

DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1180 USA

02119-276

TREFLAN® 80DC (EPA Reg. No. 62719-216)

Treflan/Scepter Combinations for Weed Control in Soybeans (Not For Use In California)

This labeling must be in possession of the user at the time of application.

Treflan/Scepter may be applied as a preplant incorporated tank mix treatment. Scepter may also be applied as a preemergence overlay treatment or as an early postemergence treatment following a preplant incorporated application of Treflan.

Special Use Precautions:

- Use of Scepter in combination with Treflan or as a sequential treatment following application of Treflan is subject to a number of special precautions and limitations required by the Scepter label. Carefully read, understand and follow all use precautions, rotational crop restrictions and other limitations in the Scepter label.
- Use of Scepter is limited to certain states. The following additional restriction is imposed by this supplemental labeling: Do not use the Treflan/Scepter tank mix applied preplant incorporated, or Scepter applied as a preemergence overlay or postemergence treatment following Treflan preplant incorporated, in the "Northern Use Area" as defined by the Scepter product label.
- The user must comply with all applicable use directions, precautions and limitations imposed by the Treflan and Scepter product labels.

Treflan/Scepter Tank Mix - Preplant Incorporated

Apply Treflan/Scepter tank mix as a preplant incorporated treatment up to 45 days before planting soybeans. Apply and shallowly incorporate into the soil within 24 hours. Follow soil preparation, mixing and application procedures described in the Treflan label. Use incorporation equipment that provides uniform incorporation into the top 2 inches of soil. When using a disc, field cultivator, or rolling cultivator, a second pass must be made at an angle to the first pass to ensure thorough incorporation.

If soybeans are planted on beds, apply and incorporate after bed formation.

Treflan Preplant Incorporated Followed by Scepter Preemergence Overlay Application

Apply Treflan as a preplant incorporated treatment. Follow soil preparation, application and incorporation procedures described in the Treflan label. Apply Scepter to the soil surface after planting but before the crop emerges. Rainfall or overhead sprinkler irrigation is necessary to move the Scepter overlay treatment into the weed germination zone. The amount of rainfall or sprinkler irrigation required depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If adequate moisture is not received within 7 days after a surface applied treatment, a cultivation is recommended to control escaped weeds.

Weeds Controlled (Tank Mix or Overlay)

Treflan/Scepter tank mix or overlay treatments control the weeds listed on the Treflan label for Treflan alone plus these additional weeds:

Cocklebur, common	Poinsetta, wild
Jimsonweed	Prickly sida
Mallow, Venice	(Teaweed)
Morningglory	Ragweed
(Pitted)	(Common)
(Smallflower)	(Giant) ¹
Mustard species	Smartweed
Nightshade, eastern black ¹	(Ladysthumb)
Pigweed	(Pennsylvania)
(Palmer)	Sunflower, common
(Smooth)	Velvetleaf ¹
(Tail waterhemp)	

¹ Eastern black nightshade, giant ragweed, and velvetleaf are controlled by preplant incorporated treatments only.

Treflan/Scepter tank mix or Scepter overlay treatments will aid in the control and reduce competition from weeds in the following list. Control of these weeds may be erratic, ranging from poor to excellent, depending upon soil temperature, time of weed germination, depth of weed seed in soil and the amount and timing of soil moisture. Control may be improved with timely cultivation.

Morningglory ²	Nutsedge, yellow ³
(Entireleaf)	Panicum, fall ⁴
(Ivyleaf)	Shattercane ⁴
(Tail)	

²For best activity on morningglory species, use tank mix preplant incorporated treatments.

³Use tank mix preplant incorporated treatments only to aid in control of yellow nutsedge.

⁴Treflan alone control fall panicum and shattercane at increased rates. See Treflan label for special instructions.

Broadcast Application Rates for Preplant Incorporated or Preemergence Overlay Treatments:

Soil Texture	Treflan 80DC (ounces)	Scepter Tank Mix or Overlay (pints)
Coarse	10	0.67
Medium	15	0.67
Fine	20	0.67

Treflan Preplant Incorporated Followed by Scepter Postemergence Application

Apply Treflan as a preplant incorporated treatment. Additional weeds tolerant to Treflan may be controlled using a post emergence application of Scepter. Consult the Scepter product label for application rates, additional weeds controlled, application directions and precautions before use.

*Trademark of DowElanco

122-T2EAGXXX Approved / /
Replaces EAXXXX

PM 23

62719-216

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 25 1991

Dennis H. Lade, Ph.D.
 DowElanco
 9002 Purdue Road
 Indianapolis, IN 46268-1189

Dear Dr. Lade:

Subject: Supplemental Labels:

-Control of Brome Species and Jointed Goatgrass in
 Winter Wheat in Colorado, Kansas, Nebraska and
 Wyoming
 -Control of Brome Species and Jointed Goatgrass in
 Winter Wheat in Oklahoma, South Dakota and Texas
 Treflan 80DC
 EPA Registration No. 62719-216
 Your Submissions Dated September 13, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Under the Precautions of the supplemental label for use in Colorado, Kansas, Nebraska and Wyoming, add the sentence "Read the Treflan label for additional precautions and limitations before use."
- 2) The supplemental label for use in Oklahoma, South Dakota and Texas also mentions the additional states of Colorado, Kansas, Nebraska and Wyoming in the first paragraph of the label text. Assuming that this label is only intended for use in the states mentioned in the title, these additional states should be deleted from the text.

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for each of the referenced supplemental labels, incorporating the above changes.

Sincerely yours,

Joanne I. Miller
 Product Manager (23)
 Fungicide-Herbicide Branch
 Registration Division (H7505C)

Enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	9/24/91						

Supplemental Labeling

COMMENTS
EPA Letter Dated:

SEP 25 1991

Under the Federal Insecticide,
Fungicide,
as amended,
registered with the EPA.



DowElanco

DowElanco

Quad IV 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan® E.O. (E.P.A. Reg. No. 62719-92)~~
~~Treflan M.T.F. (E.P.A. Reg. No. 62719-116)~~
~~Treflan 5 (E.P.A. Reg. No. 62719-112)~~
 Treflan 80DC (EPA Reg. No. 62719-216)
~~Treflan TR-10 (E.P.A. Reg. No. 62719-131)~~

Treflan for Partial Control or Suppression of Annual Brome Species (Cheatgrass, Downy Brome, Japanese Brome, Hairy Chess) and Jointed Goatgrass in Winter Wheat in Oklahoma, South Dakota and Texas

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Treflan before applying. Carefully follow use precautions and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all precautions and limitations imposed by the label affixed to the container for Treflan.

Treflan may be applied as a preplant incorporated treatment for **partial control or suppression** of annual Brome species (cheatgrass, downy brome, Japanese brome, hairy chess) and jointed goatgrass in winter wheat in Colorado, Kansas, Nebraska, Oklahoma, South Dakota, Texas and Wyoming. Apply Treflan anytime during a period from three (3) weeks before planting up to immediately prior to planting.

Broadcast Rates Per Acre¹

Soil Texture	Treflan E.O. or M.T.F.	Treflan 5	Treflan 80DC (ounces)	Treflan TR-10 (pounds)
Course	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Medium	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Fine	1.5	1.2	15	7.5

¹ Use the higher rate in the rate range where heavy weed populations are anticipated or where medium to high crop residues are present.

Incorporation and Planting Directions: Treflan should be incorporated with tillage equipment (flexible tine-tooth harrow or springtooth harrow such as Flex-Tyne® or Crust Buster® that mixes the soil no more than 1-2 inches deep. The grain drill (disc drill or hoe drill) can serve as the incorporation implement. Do not use discs, undercutters or field cultivators for incorporation. Incorporate one time within 24 hours after application. Use a grain drill that will place the seed below the zone of soil into which Treflan has been incorporated.

One pass incorporation is adequate; however, where the grain drill is used as the incorporation tool, mounting a springtooth harrow in front of the drill can enhance performance. Where a tillage tool is used to incorporate prior to planting, wheat must be seeded below the Treflan treated soil or crop injury may result. Wheat seed should be planted at least 1 1/2 - inches deep.

continued on back

BEST AVAILABLE COPY

2 of 10

Precautions:

- Crop injury in the form of delayed emergence and development may result from planting wheat in direct contact with treated soil.
- Do not use undercutters, field cultivators, chisel plows or discs as incorporation tools. Any implement that incorporates Treflan deeper than the seeded wheat will contribute to crop injury.
- Use of seeding equipment that does not place the seed below the Treflan treated soil layer will result in crop injury.
- Use of Treflan in accordance with this label may result in some crop stand reduction but does not normally adversely affect yield.
- Heavy rainfall prior to wheat emergence can cause soil compaction and soil crusting resulting in delayed emergence, stand reduction, stunting and yield loss.
- Read the Treflan label for additional precautions and limitations before use.

BFS, Inc.

*Trademark of DowElanco

122-T2EAGXXX Approved / /

Supplemental Labeling

SEP 25 1991

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

62719-216



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan EC (EPA Reg. No. 62710-03)~~
~~Treflan MTF (EPA Reg. No. 62710-116)~~
~~Treflan 5 (EPA Reg. No. 62710-118)~~
 Treflan 80DC (EPA Reg. No. 62719-216)
~~Treflan TR-10 (EPA Reg. No. 62710-131)~~

Treflan for Partial Control or Suppression of Annual Brome Species (Cheatgrass, Downy Brome, Japanese Brome, Hairy Chess) and Jointed Goatgrass in Winter Wheat in Colorado, Kansas, Nebraska and Wyoming

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Treflan before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Treflan.

Directions for Use

Treflan may be applied as a preplant incorporated treatment for **partial control or suppression** of annual Brome species (cheatgrass, downy brome, japanese brome, hairy chess) and jointed goatgrass in winter wheat in Colorado, Kansas, Nebraska, and Wyoming. Apply Treflan anytime during a period from three (3) weeks before planting up to immediately prior to planting.

Broadcast Rates Per Acre¹

Soil Texture	Treflan E.C. or M.T.F.	Treflan 5	Treflan 80DC	Treflan TR-10
			(ounces)	(pounds)
Course	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Medium	1.0 - 1.5	0.8 - 1.2	10 - 15	5.0 - 7.5
Fine	1.5	1.2	15	7.5

¹Use the higher rate in the rate range where heavy weed populations are anticipated or where medium to high crop residues are present.

Incorporation and Planting Directions: Treflan should be incorporated with tillage equipment such as a flexible tine-tooth harrow or springtooth harrow that mixes the soil no more than 1-2 inches deep. The grain drill (disc drill or hoe drill) can serve as the incorporation implement. Do not use discs, undercutters or field cultivators for incorporation. Incorporate one time within 24 hours after application. Use a grain drill that will place the seed below the zone of soil into which Treflan has been incorporated.

One pass incorporation is adequate; however, where the grain drill is used as the incorporation tool, mounting a springtooth harrow in front of the drill can enhance performance. Where a tillage tool is used to incorporate prior to planting, **the wheat must be seeded below the Treflan treated soil or crop injury may result.** The wheat seed should be placed at least 1 1/2 - 2 inches deep.

(continued on back)

BEST AVAILABLE COPY

Precautions:

- Crop injury in the form of delayed emergence and development may result from planting wheat in direct contact with treated soil.
- Do not incorporate with undercutters, field cultivators, chisel plows or discs. Any implement that incorporates Trellan deeper than the planting depth of wheat will contribute to crop injury.
- Use of seeding equipment that does not place the seed below the Trellan treated soil layer will result in crop injury.
- Use of Trellan in accordance with this label may result in stand reduction.
- Heavy rainfall prior to wheat emergence can cause soil compaction and soil crusting resulting in delayed emergence, stand reduction, stunting and yield loss.

*Trademark of DowElanco

T2EAGXXX Approved __/__/__

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 26 1991

Dennis H. Lade, Ph.D.
DowElanco
9002 Purdue Road
Indianapolis, IN 46268-1189

Dear Dr. Lade:

Subject: Supplemental Labels:

- Fall Application for Weed Control in Cotton to be Grown the Following Year
- Tank Mix with Pursuit for Weed Control in Peanuts
- Treflan/Scepter Combinations for Weed Control in Soybeans

Treflan 80DC

EPA Registration No. 62719-216

Your Submissions Dated September 5 and 6, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provision:

Make the following revision on the supplemental label for Tank Mix with Pursuit for Weed Control in Soybeans. For the purpose of clarity, rewrite the last sentence of the supplemental label to read "Read the Pursuit label for use of Pursuit on peanuts for application rates, use directions, precautions and limitations before use."

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for each of the referenced supplemental labels, incorporating the above change.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	9/24/91						

Supplemental Labeling

ACCEPTED
with COMMENTS
in EPA Letter Dated:

for the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1180 USA

02719-216
TREFLAN® 80DC (EPA Reg. No. 62719-216)

Treflan/Scepter Combinations for Weed Control in Soybeans (Not For Use In California)

This labeling must be in possession of the user at the time of application.

Treflan/Scepter may be applied as a preplant incorporated tank mix treatment. Scepter may also be applied as a preemergence overlay treatment or as an early postemergence treatment following a preplant incorporated application of Treflan.

Special Use Precautions:

- Use of Scepter in combination with Treflan or as a sequential treatment following application of Treflan is subject to a number of special precautions and limitations required by the Scepter label. Carefully read, understand and follow all use precautions, rotational crop restrictions and other limitations in the Scepter label.
- Use of Scepter is limited to certain states. The following additional restriction is imposed by this supplemental labeling: Do not use the Treflan/Scepter tank mix applied preplant incorporated, or Scepter applied as a preemergence overlay or postemergence treatment following Treflan preplant incorporated, in the "Northern Use Area" as defined by the Scepter product label.
- The user must comply with all applicable use directions, precautions and limitations imposed by the Treflan and Scepter product labels.

Treflan/Scepter Tank Mix - Preplant Incorporated

Apply Treflan/Scepter tank mix as a preplant incorporated treatment up to 45 days before planting soybeans. Apply and shallowly incorporate into the soil within 24 hours. Follow soil preparation, mixing and application procedures described in the Treflan label. Use incorporation equipment that provides uniform incorporation into the top 2 inches of soil. When using a disc, field cultivator, or rolling cultivator, a second pass must be made at an angle to the first pass to ensure thorough incorporation.

If soybeans are planted on beds, apply and incorporate after bed formation.

Treflan Preplant Incorporated Followed by Scepter Preemergence Overlay Application

Apply Treflan as a preplant incorporated treatment. Follow soil preparation, application and incorporation procedures described in the Treflan label. Apply Scepter to the soil surface after planting but before the crop emerges. Rainfall or overhead sprinkler irrigation is necessary to move the Scepter overlay treatment into the weed germination zone. The amount of rainfall or sprinkler irrigation required depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If adequate moisture is not received within 7 days after a surface applied treatment, a cultivation is recommended to control escaped weeds.

8-10
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Weeds Controlled (Tank Mix or Overlay)

Treflan/Scepter tank mix or overlay treatments control the weeds listed on the Treflan label for Treflan alone plus these additional weeds:

Cocklebur, common	Poinsetta, wild
Jimsonweed	Prickly sida
Mallow, Venice	(Teaweed)
Morningglory	Ragweed
(Pitted)	(Common)
(Smallflower)	(Giant) ¹
Mustard species	Smartweed
Nightshade, eastern black ¹	(Ladysthumb)
Pigweed	(Pennsylvania)
(Palmer)	Sunflower, common
(Smooth)	Velvetleaf ¹
(Tall waterhemp)	

¹ Eastern black nightshade, giant ragweed, and velvetleaf are controlled by preplant incorporated treatments only.

Treflan/Scepter tank mix or Scepter overlay treatments will aid in the control and reduce competition from weeds in the following list. Control of these weeds may be erratic, ranging from poor to excellent, depending upon soil temperature, time of weed germination, depth of weed seed in soil and the amount and timing of soil moisture. Control may be improved with timely cultivation.

Morningglory ²	Nutsedge, yellow ³
(Entireleaf)	Panicum, fall ⁴
(Ivy leaf)	Shattercane ⁴
(Tall)	

² For best activity on morningglory species, use tank mix preplant incorporated treatments.

³ Use tank mix preplant incorporated treatments only to aid in control of yellow nutsedge.

⁴ Treflan alone control fall panicum and shattercane at increased rates. See Treflan label for special instructions.

Broadcast Application Rates for Preplant Incorporated or Preemergence Overlay Treatments:

Soil Texture	Treflan 80DC	Scepter Tank Mix or Overlay
	(ounces)	(pints)
Coarse	10	0.67
Medium	15	0.67
Fine	20	0.67

Treflan Preplant Incorporated Followed by Scepter Postemergence Application

Apply Treflan as a preplant incorporated treatment. Additional weeds tolerant to Treflan may be controlled using a post emergence application of Scepter. Consult the Scepter product label for application rates, additional weeds controlled, application directions and precautions before use.

*Trademark of DowElanco

122-T2EAGXXX Approved / /
Replaces EAXXXX

Supplemental Labeling



DowElanco

Quad IV, 9002 Purdue Road

P O Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan® E.C. (EPA Reg. No. 62719-03)~~
~~Treflan M.T.F. (EPA Reg. No. 62719-116)~~
~~Treflan 5 (EPA Reg. No. 62719-118)~~
 Treflan 80DC (EPA Reg. No. 62719-216)
~~Treflan TR-10 (EPA Reg. No. 62719-131)~~

For Distribution and Use Only In the State of Texas

**Fall Application to Fine Textured Soils for Weed Control
in Cotton to be Grown the Following Year**

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the Treflan Herbicide container before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the Treflan Herbicide container.

Directions for Use

Apply Treflan herbicide to fine textured soils in the fall between September 1 and October 15 for weed control in Cotton to be grown the following year. Fine textured soils include clay, clay loam, silty clay loam†, silty clay, sandy clay, and sandy clay loam† soil textures. Follow application and incorporation directions on the label for Treflan.

Broadcast Application Rates:

Soil Texture	Treflan E.C. or M.T.F.	Treflan 5	Treflan 80DC	Treflan TR-10
	(pints/acre)	(pints/acre)	(ounces/acre)	(pounds/acre)
Fine Soils Only	4.0	3.2	40.0	20.0

†Silty clay loam and sandy clay loam soils are transitional and may be classified as either medium or fine textured soils if they contain predominantly silt or sand, respectively. For details, refer "Soil Texture Guide for Application Rates" in the "General Information" section of the label for Treflan.

ACCEPTED
with COMMENTS
to EPA Letter D-1000

SEP 25 1991

*Trademark of DowElanco

T2EAGXXX Approved / /
Replaces EA 7141

Under the Pesticide Control Act of 1972, the
EPA has approved the use of this product for
the control of weeds in cotton in the State of Texas.
Registration No. 62719-216

Supplemental Labeling



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

~~Treflan® E.G. Herbicide (EPA.Reg. No. 62719-93)~~
~~Treflan M.T.F. Herbicide (EPA.Reg. No. 62719-116)~~
~~Treflan 5 Herbicide (EPA.Reg. No. 62719-118)~~
 Treflan 80DC Herbicide (EPA.Reg. No. 62719-216)

Treflan/Pursuit Combinations for Weed Control in Spanish Peanuts or Florunner and Florigiant Varieties.

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Treflan.

Directions for Use

Treflan may be tank-mixed with Pursuit and applied as a preplant incorporated treatment to control additional weeds. Follow application and incorporation directions provided in the label for Treflan.

Broadcast Application Rates/Acre*:

Soil Texture	Treflan E.G. or Treflan M.T.F.	Treflan 5	Treflan 80DC
	(pints)	(pints)	(ounces)
Coarse	1.0	0.8	10
Medium	1.5	1.2	15

*Refer to the labeling for use of Pursuit on peanuts for application rates.

Pursuit may also be used as a preemergence, "at cracking", postemergence or sequential (split) application following preplant soil incorporated application of Treflan. Refer to the labeling for use of Pursuit on peanuts for application rates, use directions, cautions and limitations before use.

ACCEPTED
with COMMENTS
to EPA Letter 10-1

SEP 25 1991

Product of DowElanco
Treflan 80DC
EPA Reg. No. 62719-216
62719-216

*Trademark of DowElanco

122-T2EAGXXX
Initial Printing