

5/21/97

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62719-250

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Supplemental Labeling



DowElanco

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Treflan* HFP

(EPA Reg. No. 62719-250)

Preplant Incorporated Treatment for Weed Control in Direct Seeded Chinese Cabbage or Kohlrabi

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 HFP before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan HFP according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the product container.

IMPORTANT: WAIVER OF LIABILITY REQUIRED FOR USE. Do not apply Treflan HFP herbicide according to this supplemental labeling unless the crop owner has signed a Waiver of Liability Certificate to release DowElanco and seller from all claims and liability relating to crop damage or loss of yield resulting from the use of Treflan HFP in Chinese cabbage or kohlrabi. The Waiver of Liability Certificate is attached to this label.

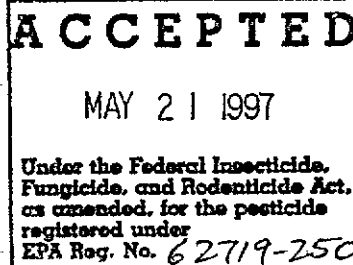
Directions for Use

Direct Seeded Chinese Cabbage or Kohlrabi: Apply Treflan* HFP herbicide as a preplant soil incorporated treatment.

Broadcast Application Rates/Acre:

Soil Texture	Treflan HFP (pints)
Coarse	1.0
Medium	1.0
Fine	1.5

- All Soils with 2-5% organic matter - 1.5 pints of Treflan HFP



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Precaution: Direct seeded cole crops exhibit marginal tolerance to Treflan HFP. Stunting or reduced stands may occur if labeled rates are exceeded.

Precautions:

Chinese cabbage and kohlrabi tolerance to Treflan HFP is marginal.

Additionally, the combined effect of certain cultural practices and unfavorable soil or environmental conditions may cause excessive crop seedling stress resulting in retarded crop growth, stand reduction, and reduced yield.

For best results, observe the following cultural practices or precautions when applying Treflan HFP:

BEST AVAILABLE COPY

- Seedling disease, cold weather, deep planting, excessive moisture, high salt concentration, or drought may weaken crop seedlings and increase the possibility of crop stress and damage.
- Do not exceed recommended application rates. This is particularly important on coarse textured or low organic matter soils.
- Carefully follow incorporation directions.
- Use only high quality seed and plant at maximum seeding rates.

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T2E/Treflan HFP/Amend-Supp(Kohlrabi)/04-27-97
122-33-110-139
EPA-accepted: / /
Initial printing- Replaces 122-33-110

Revisions:
Specific precaution statements added to label.

WAIVER OF LIABILITY CERTIFICATE

I, the undersigned, acknowledge and understand that DowElanco (1) does not assume any liability for the use of Treflan* HFP herbicide as a preplant incorporated treatment in Chinese cabbage or kohlrabi, and (2) makes no representations regarding its weed control or crop safety when applied in Chinese cabbage or kohlrabi.

I hereby release DowElanco and the Seller from whom I purchased Treflan HFP, their owners, officers, employees and agents, from any and all losses, damages, claims or causes of action, including reasonable attorney's fees and costs, relating to damage to or loss of any Chinese cabbage or kohlrabi crop resulting from use of Treflan HFP whether used by me or by a third party.

I understand that any application of Treflan HFP in Chinese cabbage or kohlrabi without a prior signed Waiver of Liability Certificate is an unlawful use of the product.

I warrant and represent that I have sole interest in the crop to be treated or am authorized to act on behalf of and bind all parties with an interest in such crop.

I have read this Waiver of Liability Certificate and have had the opportunity to have it reviewed by an attorney of my choosing.

Signature of Crop Owner: _____

Name of Crop Owner (Please Print): _____

Address of Crop Owner: _____

Seller send copy of signed Waiver of Liability Certificate to:

State Regulatory Affairs Manager
DowElanco
9330 Zionsville Road
Indianapolis, IN 46268-1054
*Trademark of DowElanco

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Supplemental Labeling



DowElanco

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Treflan* HFP

EPA Reg. No. 62719-250

Use Directions for Chemigation in Established Plantings of Tree and Vine Crops

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 HFP before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan HFP according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Treflan HFP.

Directions for Use

Treflan* HFP herbicide may be applied through sprinkler irrigation systems for weed control in certain fruit and nut orchards or vineyards. See listing of established plantings of tree and vine crops in "Approved Crops" section of the label for Treflan HFP. Follow all label instructions for chemigation in the "General Information" section of the label for Treflan HFP before applying.

Application Instructions

- Apply Treflan HFP at a rate of 2.0 to 4.0 pints per broadcast acre.
- Total chemigation period for Treflan HFP should not exceed 4 hours.
- Application of Treflan HFP through irrigation systems should be used as a supplemental weed control practice.
- Do not apply when wind speed favor drift beyond the area intended for treatment.
- Calibration and distribution may be more accurately achieved by injecting a larger volume of a more dilute solution. If desired, dilute Treflan HFP with water prior to injection and mix thoroughly. During chemigation, maintain agitation in the supply tank at all times.
- Sprinkler systems should be calibrated to deliver a volume of 4-50 gallons per hour per emitter.
- Inject Treflan HFP into the irrigation system during the middle of the irrigation cycle. The application interval should be such that at one period of time during the injection, the first and last emitters in the system are simultaneously emitting water containing Treflan HFP. After application is complete, flush equipment with clean water and then continue to irrigate for one to two hours.

Use Precautions

- Do not apply to vineyards within 60 days of harvest.
- Do not allow treated irrigation water to contact the fruit or foliage.
- To prevent ground water contamination, follow all irrigation system requirements.

ACCEPTED

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 62719-250

(Continued on back)

Chemigation System Calibration (Sample Calculations)

A. Broadcast Application:

- Assume, in this example, 20 acres are to be covered by a chemigation treatment.
- Product required, assuming a rate of 4.0 pints/acre, is 80 pints
(20 acres x 4.0 pt/acre = 80 pints = 10 gallons)
- Inject 10 gallons of Treflan HFP into the irrigation system over a time period not to exceed 4 hours.

B. Non-Broadcast Application:

- Calculation of use rate is based on wetted area around each emitter or sprinkler head.
- Treated area per emitter = A

$$(A = 3.14 \times \text{radius} \times \text{radius})$$

Example: If the average distance from the emitter to the perimeter of the wetted area = 36 inches, then:

$$A = 3.14 \times 36" \times 36" = 4069.4 \text{ square inches}$$

- Area in square feet wetted in each = B

$$B = \frac{A \times \text{Emitters/acre}}{144}$$

Example: If there are 200 emitters per acre, then:

$$B = 4069.4 \times 200 = 5651.9 \text{ square feet}$$

- Total area in square feet wetted by system = C

$$C = B \times \text{acres covered by the irrigation system}$$

Example: If the system covers 20 acres, then:

$$C = 5651.9 \text{ square feet} \times 20 = 113,038 \text{ square feet}$$

- Total area, in acres, wetted by system = D

$$D = \frac{C}{43,560} = \frac{113,038}{43,560} = 2.595 \text{ acres}$$

- The amount of Treflan HFP to be injected into the irrigation system = D x rate per acre

Example: If the desired rate is 4.0 pints/acre, then:

$$2.595 \times 4.0 = 10.4 \text{ pints of Treflan HFP injected into the irrigation system over a time period not to exceed 4 hours.}$$

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T2E/Treflan HFP/Supp/01-13-97

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EPA-accepted / /

Initial printing.

Amendments:

1. Chemigation application in tree and vine crops added to uses for Treflan HFP.