

# Product Bulletin



Dow AgroSciences LLC

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## Treflan\* TR-10\*

EPA Reg. No. 62719-131

2(ee) Recommendation †

(For Distribution and Use Only in the State of Montana)

### Control of Persian Darnel (*Lolium persicum*) in Spring Seeded Barley (Fall application for weed control during the following season)

#### ATTENTION

† This recommendation is made as permitted under FIFRA 2(ee) and has not been submitted to or approved by the EPA or state lead pesticide agency.

- Read the label affixed to the container for Treflan TR-10 before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Treflan TR-10 according to this product bulletin is subject to all use precautions and limitations imposed by the label booklet affixed to the product container.

#### Directions for Use

Treflan\* TR-10\* herbicide may be applied in the fall any time between September 1 and December 31 for control of Persian darnel during the following growing season. Incorporate one time within 24 hours. Incorporate a second time before planting to destroy existing weeds and insure uniform distribution of Treflan TR-10 in treated soil. The second incorporation should be delayed a minimum of 5 days after the first and can be delayed until the following spring.

#### Broadcast Application Rates/Acre:

Soil Texture	Treflan TR-10 (pounds)
Coarse	5
Medium	7.5
Fine	7.5

#### Incorporation Directions and Equipment for Small Grains

Use incorporation equipment in the manner described below unless otherwise specified in use directions. Any of the following implements listed below may be used for the first incorporation of Treflan TR-10. Use a field cultivator for the second incorporation pass and incorporate in a different direction. The second incorporation should be shallower than the first to avoid moving untreated soil to the surface.

**Chisel Plow:** May be used for the first incorporation pass only. Operate at 4 to 5 inches deep and at 4 to 6 mph. A chisel plow is defined as having 3 rows of 14 to 18 inch sweeps on no greater than 12 inch centers. Stagger sweeps so that no soil is left unturned. Use of chisel points may result in inadequate soil mixing.

**Field Cultivator:** Operate at 3 to 4 inches deep and at 5 or more mph. A field cultivator is defined as having 3 to 4 rows of sweeps with "c" or "s" shaped shanks on no greater than 7 inch centers. Stagger sweeps so that no soil is left unturned.

## **Special Precautions for Use of Treflan TR-10 in Spring Seeded Barley**

Carefully follow directions for use of Treflan TR-10 to minimize potential crop stress. Under certain conditions, delayed crop emergence and/or stand reduction may occur when Treflan TR-10 is applied to barley. While slight stand reductions do not normally affect yield, 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 possibly reduced yield. **For best results, observe the following cultural practices or precautions:**

- Carefully follow incorporation directions. When applying preplant incorporated treatments, operate equipment at recommended depth and speed to place Treflan TR-10 into the upper 1 to 1.5 inches of soil.
- Use tillage methods that provide a uniformly firm seedbed and time tillage operations to conserve moisture.
- Avoid use of seed varieties known to have poor seedling (emergence) vigor.
- Set planting equipment to place seed approximately 1.5 inches deep.
- If seed treatments are used, apply at the correct rate and uniformly across all seeds. Misapplication may result in reduced germination and/or seedling vigor.
- If possible, irrigate prior to planting or after crop emergence. Moisture received between planting and emergence may cause crusting, especially on loose seedbeds.
- Do not exceed recommended application rates for Treflan TR-10. This is particularly important on coarse textured or low organic matter soils.

**Soil characteristics and environmental conditions may contribute to crop seedling stress and may be accentuated by use of Treflan TR-10. These factors include the following soil and weather related conditions:**

- High soil salinity, eroded field knolls/hilltops, loose dry soils and soil compaction.
- Cold and/or wet soils, excessively hot soils, excessive moisture, drought, and soil crusting from heavy rainfall.

**Note: Do not apply Treflan TR-10 for weed control in barley where a dinitroaniline herbicide such as Treflan or Sonalan\* herbicide was applied at a rate greater than 0.5 lb ai per acre the previous growing season.**

## **Rotation Crop Restrictions**

Plant only barley (grown under irrigated conditions), canola (rapeseed), safflower or sunflower as a rotational crop in the year following the crop treated with Treflan TR-10. If one of the specified rotational crops is not planted, the land should be left idle or fallow for the entire crop year following the crop treated with Treflan TR-10.

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