

ANNUAL AND PERENNIAL CROPS

General Information

GENERAL INFORMATION

DiTera DF controls the following plant nematodes parasitizing food, fiber and ornamental crops: *Meloidogyne* spp. (root-knot nematodes), *Heterodera* and *Globodera* spp. (cyst nematodes), *Pratylenchus* spp. (lesion nematodes), *Tylenchulus semipenetrans* (citrus nematode), *Trichodorus* spp. (stubby-root nematodes), *Longidorus* spp. (needle nematodes), *Paratylenchus* spp. (pin nematodes), *Rotylenchulus* spp. (reniform nematodes), *Xiphinema* spp. (dagger nematodes), *Belonolaimus* spp. (sting nematodes), *Criconemoides* spp., *Criconemella* spp. and related genera (ring nematodes), *Tylenchorhynchus* spp. (stunt nematodes), *Hoplolaimus* spp. (lance nematodes), *Rotylenchus* spp., *Helicotylenchus* spp. (spiral nematodes), *Radopholus* spp. (burrowing nematodes) and other plant parasitic nematodes.

GENERAL INSTRUCTIONS

DiTera DF may be applied to the soil as a pre-plant, at planting or post-plant treatment on annual and perennial crops using ground equipment (refer to commodities listed in Table 1). Pre-plant applications should preferably be close to the actual planting times. The optimal application time should be determined based on the cultural practices and the nematode population dynamics. For perennial crops, apply DiTera DF just prior to a root flush to protect young roots. Multiple applications may be required for crops with multiple root flushes. DiTera DF must be incorporated into the soil for optimum results. Incorporation may be accomplished by mechanical equipment, irrigation or rainfall. For applications made at planting, the action of some planters may provide sufficient incorporation. When using planters which do not provide adequate incorporation of DiTera DF into the soil, equipment designed for incorporation may be used behind the planter.

The rates provided are for broadcast applications. Due to the nature of the active ingredient and the distribution of nematodes in agricultural soils, in-row or band application may be suitable for adequate nematode suppression. If banding or side-dressing, the corresponding rates need to be calculated based on the actual surface

area of soil to be treated (Refer to conversion table for band applications). Use of the higher rates and/or multiple applications may be required in coarse (light) soils with less than 1% organic matter. Maximum benefits may not be realized in agricultural fields containing non-decomposed plant materials, including infected roots from a previous crop, or in fields with very high nematode infestations.

DiTera DF may be spread as a dry granule, applied using ground sprays, or using approved irrigation systems (refer to Chemigation Use Directions), with quantities of water sufficient to provide coverage of the root area of the plants. The amount of water needed per acre will depend on the plant species, biology of the nematode species to be controlled, stage of crop, weather, soil moisture conditions, level of nematode infestation, etc. Do not apply by mist sprayer or aerial spray equipment.

Limitations, Restrictions, and Exceptions

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See label for the Rate Conversion for Band application.

Method

[Broadcast/Foliar Ground Band](#)

[Broadcast/Foliar Ground Band](#)

[Broadcast/Foliar Ground Band](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

4 hours

Timings

[At-Plant](#)

[Preplant](#)

[Post-plant](#)