

DIRECTIONS FOR USE:

TIME OF APPLICATION: Treatment can be made at any time the soil is workable; fall or winter application is desirable for crops which are planted early in the spring.
Soil temperature: Vorlex is active in soils as cold as 35°F. (except against soil insects).

PREPARATION OF SOIL: FOR OPTIMUM CONTROL WITH VORLEX FOLLOW THESE STEPS CAREFULLY. (1) Work crop remains into the soil so that they are well decomposed before treatment. (2) In shrub and tree replant sites remove as much of the root system as possible. (3) Break up all clods and loosen soil thoroughly by cultivation one week before treatment. Deep tillage is recommended, particularly for deep-rooted crops. Always work soil deeper than intended application depth. (4) Keep soil moist from the surface down through the root zone and maintain in this condition for one week before fumigation. DO NOT FUMIGATE DRY SOILS.

APPLICATION: Use injection type applicators.
Broadcast treatment. Set shanks 6" to 8" apart; for band treatment, set shanks 8" apart. Inject at a depth of 6" to 8".
Row treatment. Adjust injection chisels to same spacing as planter. Seal the treated strips by bedding or listing. Always inject the fumigant at least 6-8" below the final soil (planting) surface. Before planting, remove the tops of the beds, being careful that none of this soil falls over on the fumigated band.

DOSAGE:

	Soil Type	Overall (Broadcast) Application		Row or Band Application	
		Per Acre	Per 100 sq. ft.	Per Chisel	Per 100 Linear Ft.
Nematodes	Mineral	7-15 gal.	3-4 1/2 fl. oz.	10-22 ml.	1-4.3 fl. oz.
Nematodes	Organic ² Muck	10-25 gal.	3-7 1/2 fl. oz.	58-145 ml.	2-5 fl. oz.
Symphylians ³	---	10-15 gal.	3-4 1/2 fl. oz.	---	---
Weeds ¹ , fungi, nematodes and soil insects (wire-worms)	Mineral	25-50 gal. ⁴	7 1/2-15 fl. oz. ⁴	145-290 ml. ⁴	5-10 fl. oz. ⁴
Weeds ¹ , fungi, nematodes and soil insects (wire-worms)	Organic ² Muck	40-60 gal.	3/4-1 1/2 pint	232-348 ml. ⁵	8-12 fl. oz. ⁵

1. For best weed control, use the higher dosages indicated, inject at 4-inch depth and cover with a tarp for 4 days.
2. If VORLEX is used in heavy clay soils, an extended aeration period may be required.
3. To obtain best symphylian control remove all residues prior to fumigation.
4. For citrus and other orchard trees where deep penetration is desirable, use 60-70 gallons of VORLEX per acre (1 1/2-1 3/4 pints per 100 sq. ft.).
5. Row treatment may not give effective soil insect control.
6. Row fumigation may not effectively control nematodes on root crops where infestation is severe.

IMMEDIATELY after application, drag the soil to remove chisel marks, then firm with a smooth roller. If additional water is required, apply only the amount necessary to wet the soil to a depth of one-half inch. If a tarp seal is used, lower dosages may be effective.

In soils 70°F or higher at 6" depth, special attention should be given to sealing the surface of the soil. Tarping gives the best seal.

FUMIGATION PERIOD: After application at soil temperatures of 60°F or above, keep soil moist and undisturbed for a minimum of 4 days; 7 days is preferable. Use a shorter fumigation period only if it has been shown effective.

Colder soils require a longer fumigation period. If these conditions occur, allow at least one to three weeks for the fumigation period depending upon the temperature.

In fall or winter application the fumigation period should extend until spring. The soil should be undisturbed during this period.

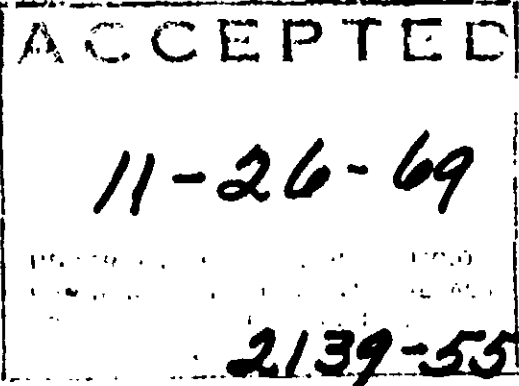
AERATION PERIOD: For soil temperatures above 60°F (at 6" depth), aerate the soil at the end of the fumigation period by cultivation e.g., discing. Repeated cultivation will aid release of the fumigant and is especially desirable if heavy rains occur during the fumigation period. If soil crusting occurs, it retards aeration and must be broken up. Repeated cultivation may be necessary to prevent soil crusting.

Aerate until the fumigant has completely escaped from the soil. This is usually accomplished by allowing one week between cultivation (end of fumigation period) and planting for each 12 gallons per acre of VORLEX.

For soil temperatures below 60°F (at 6" depth), longer aeration periods than those mentioned above will be required. Repeated deep cultivation is especially important when heavy rains or very wet soil accompany low soil temperatures, since these conditions retard aeration.

DO NOT PLANT WHEN THE ODOR OF THE FUMIGANT IS STILL DETECTABLE.

DO NOT RE-USE CONTAINER



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