

SPECIMEN LABEL
(BACK)
REDUCED TO 71%

GENERAL INFORMATION

Apply TELONE C-17 soil fungicide and nematicide as a preplanting soil treatment to control or to aid in reducing the damaging effects of certain soil borne diseases: soil rot (soil pox) of sweet potatoes, Granville (bacterial wilt, black root rot, black shank diseases of tobacco, Verticillium wilt of white potatoes and root rot of onions, pod rot of peanuts, plant parasitic nematodes, root knot, meadow lesion, citrus, cyst formers, golden sugar beet, soybean, burrowing, ring, spiral, sting, pin, stubby root, styler, dagger and certain others, symphylans, garden centipedes, and wireworms. Treat land to be planted to the crops listed below by applying TELONE C-17 under the conditions and at the rates recommended under DIRECTIONS FOR USE. Read this entire label before using TELONE C-17.

Vegetable Crops:

asparagus	cauliflower	horseradish	parsnips	shallots
beans	celery	kale	peas	spinach
beets	collards	kohlrabi	peppers	squash (summer)
blackeyed peas	corn	leeks	pimientos	squash (winter)
broccoli	cowpeas	lettuce	potatoes	sweet potatoes
brussels sprouts	cucumbers	melons	pumpkins	swiss chard
cabbage	egg plant	mustard greens	radishes	tomatoes
cantaloupe	endive	okra	rutabaga	turnips
carrots	garlic	onions	salsify	watermelons

Field Crops:

alfalfa	cotton	milo	rice	sugar beets
barley	flax	mint	rye	sugar cane
birdfoot trefoil	grasses	oats	safflower	tobacco
buckwheat	hops	peanuts	sorghum	vetch
clover	lespedeza	popcorn	soybeans	wheat
corn	millet			

Citrus Fruit Tree Planting Sites:

grapefruit	lemons	oranges	tangerines	tangelos
kumquats	limes			

Deciduous Fruit and Nut-Tree Planting Sites:

almonds	chestnuts	hickory nuts	pecans	pomegranates
apples	dates	nectarines	persimmons	prunes
apricots	figs	olives	pineapple	quince
cashew nuts	filberts	peaches	plums	walnuts
cherries	hazelnuts	pears		

Bush and Vine Planting Sites:

blackberries	cranberries	gooseberries	loganberries	youngberries
blueberries	currants	grapes	raspberries	
boysenberries	dewberries	huckleberries	strawberries	

Nursery Crops including floral plants, ornamentals, shrubs and bushes, forest shade, fruit and nut trees and vine and bramble fruits of all types.

DIRECTIONS FOR USE

When to Treat: Apply TELONE C-17 whenever soil conditions are suitable but preferably in the late summer or fall or in the spring up to 2 or 3 weeks before planting the crop. Land to be planted to early spring crops, especially crops to be set out, such as celery, tomatoes, nursery and orchard stock, should be treated only in the late summer or early fall. For best results on annual crops use the treatment once each year.

Soil Preparation: At time of application the soil should be in good seed bed condition, free of clods and undecomposed plant material and with soil moisture at about one-half of field capacity. Soil temperature should be 40° to 80° F. at the depth of injection. If undecomposed plant debris is present, it should be plowed down and allowed to decompose before applying TELONE C-17. Deep tillage 12 to 18 inches, often improves results. **NOTE: Do not use TELONE C-17 in extremely heavy clay or muck soils.**

Application: TELONE C-17 may be applied as a **row** or as an **overall (broadcast) treatment** using a chisel-type applicator to inject the fumigant below the soil surface. **For row treatment** spring application is preferable. Fall treatment should be made only when land can be fumigated and bedded for early spring planting. Use a single chisel per row to treat the soil directly beneath the area where the crop will be planted. Inject the material at a depth of 10 to 12 inches below the soil surface. Immediately after application seal the soil by ridging or bedding the fumigated row area with enough soil to bring the soil surface 14 to 16 inches above the point of injection. **For overall (broadcast) treatment** apply whenever soil conditions are suitable. Space applicator chisels 12 inches apart and inject the fumigant 10 to 12 inches below the soil surface. Immediately after application seal the soil by compacting the surface with a roller, cultipacker or similar soil sealing device. When overall treatment is made in late summer or early fall, the field may be planted to a fall cover crop to be plowed under before planting the spring crop.

Rates to Use: Consult the following Dosage and Use Recommendations table for dosage and application details to control nematodes, symphylans, wireworms, and certain soil borne diseases in crops listed.

DOSAGE AND USE RECOMMENDATIONS
to Control Nematodes, Symphylans, and Wireworms

Crops consult list of individual crops under General Information)	Type of Treatment	Soil Type	Dosage		
			Gallons Per Acre	Fl. Oz./1000 Ft. Row Per Chisel	
Shallow Rooted Plants: Field Crops Floral Crops Grasses and Turf Small Fruits Vegetables Ornamentals	Row 42"	Mineral	5.1 to 6.9	52.5 to 71	
		Muck or Peat	10.3 to 13.7	106 to 141	
	Overall Broadcast	Mineral	10.3 to 17.1	30.3 to 50.2	
		Muck or Peat	27.4 to 41.1	80.5 to 120.8	
Strawberries	Overall	Mineral	27.4 to 41.1	80.5 to 120.8	
Sugar Beets Root Knot Nematode	Row 42"	Mineral	6	61.7	
	Overall		12.8 to 17.1	37.6 to 50.2	
Sugar Beet Nematode	Row 42"	Mineral	10.3	106	
	Overall		12.8 to 21.4	37.6 to 62.9	
Pineapple	Row	Mineral	25.7 to 51.4	—	
Citrus—Florida*	Overall	Mineral	34.2	100.5	
Nursery and Field: Citrus Fruit Trees Deciduous Fruit Trees Forest Trees Grapes Nut Trees Ornamentals deep rooted	Overall: gallons Per Acre to Penetrate Various Depths				
	Mineral Soils	3 ft.	4 ft.	5 ft.	6 ft.
	Sand	17.1	23.9	30.8	37.6
	Sandy Loam	30.8	34.2	41.1	54.7
	Silt Loam	47.9	58.1	71.8	85.5
	Clay Loam	61.6	78.7	95.8	116.3

* Do not use on soils heavier than loam.

* For control of nematodes, increase dosage to 21.4 gallons per acre, 62.9 fl. oz. / 1000 ft. row per chisel.

* For soils containing less than 30% organic matter use 21.4 gallons per acre.

* Do not use on plants to be set out in 18 inch centers, 12 inches deep. Keep free of plants in center of row with no replanting for 2 years before replanting to citrus.

* Do not use on citrus trees damaged by frost, potatoes in irrigated areas of western and northwestern states.

NOTE: To control symphylans, garden centipedes, use only overall at 21.4 or more gallons per acre in late summer or early fall when the soil is warm. To control wireworms use the dosage recommended for nematodes in overall or broadcast treatments.

DOSAGE AND USE RECOMMENDATIONS
to Control Soil Borne Disease

Crop	Type of Treatment	Dosage	
		Gallons Per Acre	Fl. Oz./1000 ft. Row Per Chisel
Sweet Potatoes	Row 42"	8.5 to 10.5	88 to 108
	Overall	24 to 27.5	70 to 81
Tobacco	Row 42"	8.5 to 10.5	88 to 108
	Overall	24 to 27.5	70 to 81
Peanuts	Row 42"	2.5 to 5	26 to 52
White Potatoes	Overall only	24 to 27.5	70 to 81
Mint	Overall only	24 to 27.5	70 to 81
Onions	Overall only	24 to 27.5	70 to 81

* In the above table rate per acre is for 10 inch single chisel row spacings. As the distance between rows increases, the gallons required per acre will increase and vice versa.

NOTE: Consult General Information to determine diseases controlled in crops listed. Nematodes, root knot, black shank.

Exposure Period: After application and sealing, leave the soil undisturbed for 7 to 14 days. Cold, wet soil retards diffusion of TELONE C-17, requiring a longer exposure period.

Aeration of Soil Before Planting: At the end of the exposure period allow the soil to aerate completely before planting the crop. Aeration is usually com-

plete when the odor of TELONE C-17 is no longer evident. Under optimum soil and weather conditions, allow one week of aeration time for each 10 gallons of TELONE C-17 applied per acre. When TELONE C-17 is used for treating deep-rooted tree and shrub planting sites, a 3 to 6 months aeration period should be allowed. **To hasten aeration, especially if heavy rains or low temperatures occur during the exposure period, work the soil to the depth of the treatment zone.** After row treatment use a knife like chisel in the bed without turning the soil, thus reducing possible recontamination of the treated soil. To hasten aeration after overall treatment, plow or deep cultivate to the depth of the treatment zone.

Attention: It is very important to avoid reinfestation of treated soil. Use only planting materials known to be free from disease and parasitic nematodes. It is good practice to cut sweet potato plants at or above the soil line and to use these "cut plants" for making field plantings. Do not use tools or crop residues that could carry soil borne pests from infested land to treated land.

Consult State Agricultural Experiment Station or Extension Service authorities for information on other practices such as post-harvest destruction of crop residues, weed control and cultural practices, and use of nematode and disease resistant crop varieties that also may aid in reducing crop losses caused by soil borne pests.

USE PRECAUTIONS

Important — Note Carefully: The treatment may temporarily raise the level of ammonia nitrogen and soluble salts in the soil. This is most likely to occur when heavy rates of fertilizer and TELONE C-17 are applied to soils that are cold, wet, acid, or high in organic matter. To avoid injury to plant roots, fertilize as indicated by soil tests made after treatment. To avoid ammonia injury, rate starvation, or both, to crops on high organic soils do not use fertilizers containing ammonium salts and use only fertilizers containing nitrates, if the crop is well established and the soil temperature is above 65° F. Soil soils do not apply more than 2/3 of the nitrogen requirements of fertilizers containing ammonium salts until the crop is well established and soil temperature is above 65° F. Liming highly acid soils before treatment stimulates nitrification and reduces the possibility of ammonia and/or nitrite toxicity. Certain crops including cotton, sugarcane, and pineapple are tolerant to ammonia and the above rule does not apply to them. Citrus seedlings, *Cornus* sp., *Crataegus* sp., spruce, vegetable crops such as cauliflower and certain other crops have shown evidence of phosphorus deficiency following fumigation. To avoid this possible effect, it is suggested that additional phosphate fertilizer be used on soils which tend to be deficient in this nutrient.

Under certain conditions TELONE C-17 soil fungicide and nematicide may be corrosive to application equipment, flush equipment with fuel oil or kerosene immediately after use. **DO NOT USE WATER. Do not use containers, pumps, or other transfer equipment made of aluminum, magnesium or their alloys, as under certain conditions TELONE C-17 may be severely corrosive to such metals.**

Rinse equipment and containers and dispose of wastes by burying in non crop lands away from water supplies. Containers should be disposed by punching holes in them and burying with wastes.

Store in tightly closed containers in a cool place away from dwellings and out of reach of children. Do not store near seeds, plants, fertilizers, or other pesticide chemicals.

To avoid injury to fish and other wildlife, do not spill or empty TELONE C-17 into streams, ponds or other bodies of water.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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