



PACIFIC

ACCEPTED
13 NOV 1975
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTRATION
ED UNDER NO. 483-165

TELONE* II

SOIL FUMIGANT

DANGER
KEEP OUT OF REACH OF CHILDREN
HAZARDOUS LIQUID AND VAPOR
MAY BE FATAL IF INHALED,
ABSORBED THROUGH SKIN, OR SWALLOWED
CAUSES BURNS OF SKIN OR EYES
COMBUSTIBLE

Do Not Get in Eyes, on Skin, or on Clothing. Wear Eye and Skin Protection Necessary to Prevent Contact. When Handling This Material, Wash Thoroughly after Handling and Before Eating and Smoking. Wash Contaminated Clothing and Air Contaminated Shoes Thoroughly Before Reuse. DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME. Use Only with Adequate Ventilation. Do Not Breathe Vapor.

In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. If irritation persists, consult a physician.

In case of spillage indoors, turn off all ventilation and leave the room. If possible, open windows and doors to allow fresh air to enter. If necessary, wear a respirator.

If inhaled, get fresh air immediately. If symptoms persist, consult a physician.

If swallowed, do not induce vomiting. Drink plenty of water. If symptoms persist, consult a physician.

ACTIVE INGREDIENT:
1,3-Dichloropropene 92%
INERT INGREDIENTS: 8%
E.P.A. Registration No. 483-165
E.P.A. Est. No. 33776-WA-1

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, or Clothing

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

A Clean, Clear, Non-Clogging Liquid for Preplant Treatment of Crop Lands to Control Plant Parasitic Nematodes and Certain Other Soil Pests

BULK CONTAINER

Distributed By
PACIFIC SUPPLY COOPERATIVE
PORTLAND, OREGON 97208

* Trademark of THE DOW CHEMICAL COMPANY
USAGE AND DIRECTIONS ON BACK

PACIFIC

DONE* III

FUMIGANT

*Logging Liquid for Preplant Treatment of Crop
Parasitic Nematodes and Certain Other Soil Pests*

K CONTAINED

DANGER

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COMBUSTIBLE**

Do Not Get in Eyes, on Skin, or on Clothing. Wear Eye and Skin Protection Necessary to Prevent Contact When Handling This Material. Wash Thoroughly after Handling and Before Eating and Smoking. Wash Contaminated Clothing and Air Contaminated Shoes Thoroughly Before Reuse. DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME. Use Only with Adequate Ventilation. Do Not Breathe Vapor.

In case of contact, immediately remove contaminated clothing and shoes, and wash skin with soap and plenty of water. **for eyes,** flush with flowing water for at least 15 minutes, and get medical attention.

In case of spillage indoors have available an approved full face mask equipped with a fresh black canister meeting specifications of the U. S. Bureau of Mines for organic vapors, a full face self contained breathing apparatus, or full face air supplied respirator.

if inhaled, remove to fresh air. Use artificial respiration if breathing has stopped. Get immediate medical attention. Keep patient absolutely quiet.

if swallowed, call a doctor. Induce vomiting by giving an emetic such as 2 tablespoonsful of table salt in a glass of warm water.

TELONE II

SOIL FUMIGANT

GENERAL INFORMATION

Use TELONE II soil fumigant only as a **preplanting soil treatment** to control plant parasitic nematodes (root-knot, meadow lesion), citrus cyst formers (golden, sugar beet, soybean), burrowing, ring, spiral, sting, pin, stubby root, stylet, dagger); also to control wireworms and garden centipedes (symphylans). Fumigate land to be planted to the crops listed below by applying TELONE II under the conditions, and at the rates recommended under DIRECTIONS FOR USE, DOSAGE AND USE RECOMMENDATIONS, and USE PRECAUTIONS. Read the entire label before using TELONE II.

Vegetable Crops:

asparagus	cauliflower	horseradish	parsnips	shallots
beans	celery	kale	peas	spinach
beets	collards	kohlrabi	peppers	squash (summer)
blackeyed peas	corn	leeks	pimentoses	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	flax	oats	sorghum
barley	grass	pasture grass	soybeans
birdsfoot trefoil	hops	peanuts	sugar beets
buckwheat	lespedeza	popcorn	sugarcane
clover	millet	rice	tobacco
corn	milo	rye	vetch
cotton	mint	safflower	wheat

Citrus Fruit Tree Planting Sites:

grapefruit	kumquats	lemons	limes	oranges	tangerines	tangelos
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Deciduous Fruit and Nut Tree Planting Sites:

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

Bush and Vine Planting Sites:

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

DOSAGE AND USE RECOMMENDATIONS to Control Nematodes, Symphylans¹, and Wireworms²

Crops (consult list of individual crops under General Information)	Type of Treatment	Soil Type	Dosage	
			Gallons Per Acre ¹	Fl. Oz./1000 Ft. Row Per Chisel
Shallow Rooted Plants Field Crops Floral Crops Grasses and Turf Small Fruits Vegetables Ornamentals	Row (42") ⁶	Mineral	4.5 to 6	46 to 62
		Muck or Peat	9 to 12	93 to 123
	Overall (Broadcast)	Mineral	9 to 15 ²	26 to 44
		Muck or Peat	24 ³ to 36	71 to 106
Strawberries	Overall	Mineral	24 to 36	71 to 106

Nursery Crops including floral plants, ornamentals, shrubs, and b and vine and bramble fruits of all types.

DIRECTIONS FOR USE

WHEN TO TREAT: Apply TELONE II either in the spring or fall, wh For best results with annual crops, treat the soil each year. In north ment (before October 15) is best for land to be planted to early spr such as celery, tomatoes, and nursery and orchard stock. Early fall crop. **Note:** Treat muck soils only in the early fall and plant as late as (clay) soils only when they are near or at the wilting point. Do not when it is cold and/or wet.

SOIL PREPARATIONS: TELONE II gives best results when conditio through the soil and the soil surface can be sealed to prevent exce period. The soil should be in good seed bed condition, free of c moisture at about one-half of field capacity, and temperature betwe If undecomposed plant debris is present, it should be plowed down a TELONE II. Tillage deeper than 12 inches is necessary for good fu or "plow" pan occurs at plow depth. Where deep tillage is used, the to simultaneously apply the fumigant and thus avoid going over th

APPLICATION: TELONE II may be applied either as an **overall (bro application equipment that will ensure placement of the fumigant surface. For overall application use either plowsole or chisel equi apart. When the fumigant is injected at a depth of 12 inches or more up to twice the application depth but should not exceed 30 inches direction or at an angle to the direction of the planting row. application, use chisel equipment with one chisel per row or two ch the soil where the crop is to be planted. When one chisel per row distribute about 1 1/2 times more fumigant per chisel than is recomm chisels are used per row, apply at the same flow rate per chisel as fumigant required per acre will decrease as the distance between of planting, avoid placing the seed row directly over the furrow let chisel is used per row, place the seed 3 to 4 inches to one side of the plant in the center of the area between the chisel furrows.**

SEALING: Immediately after application, compact the soil surface chisel application, use a roller, cultipacker, or similar sealing dev land, then compact it by floating or rolling. Sealing after row applic wheel, by listing, or by bedding so that the fumigant will be 12 to 1 fumigating listed rows, seal in the fumigant with ring rollers, pres

EXPOSURE PERIOD: After application and sealing, leave the soil exposure period will be required if the soil becomes excessively

AERATION AND PREPARATION OF SOIL BEFORE PLANTING: the soil to aerate completely before planting the crop. Aeration TELONE II is no longer evident. Under optimum soil and weathe time for each 10 gallons of TELONE II applied per acre. When TEL and shrub planting sites, a 3 to 6 months aeration period should b **if heavy rains or low temperatures occur during the exposure treatment zone. After row treatment use a knife-like chisel in the b possible recontamination of the treated soil. To hasten aeration afte to the depth of the treatment zone. This is especially desirable of muck soils**

quackgrass and for suppression of the damaging effects of Verticill potatoes. Apply as an overall treatment according to the following

Time of Treatment	Gallons per Acre
Spring	17 to 25
Fall	25 to 34

Mint in Northwestern States: Use 59 gallons of TELONE II per acre overall treatment in the spring, or preferably in the fall, to aid in th Verticillium wilt in disease infested land to be used for min² produc weeks or until the odor of the fumigant has left the soil before plantin Station or State Extension Service Specialists for the use of other weed control and cultural practices when using TELONE II as a Verticillium wilt

USE PRECAUTIONS

Important — Note Carefully. Fumigation may temporarily raise the

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|-----------|-----------|-----------|-----------|
| buckwheat | lespedeza | popcorn | sugarcane |
| clover | millet | rice | tobacco |
| corn | milo | rye | vetch |
| cotton | mint | safflower | wheat |
- Citrus Fruit Tree Planting Sites:**
 grapefruit kumquats lemons limes oranges tangerines tangelos
- Deciduous Fruit and Nut Tree Planting Sites:**
 almonds dates olives plums
 apples figs peaches pomegranates
 apricots filberts pears prunes
 cashews nuts hazelnuts pecans quince
 cherries hickory nuts persimmons walnuts
 chestnuts nectarines pineapple
- Bush and Vine Planting Sites:**
 blackberries currants huckleberries youngberries
 blueberries dewberries loganberries
 boysenberries gooseberries raspberries
 cranberries grapes strawberries

SEALING: Immediately after application, compact the soil surface with a chisel application, use a roller, cultipacker, or similar sealing device. Then compact it by floating or rolling. Sealing after row application, by listing, or by bedding so that the fumigant will be 12 to 14 inches deep. Fumigating listed rows, seal in the fumigant with ring rollers, press

EXPOSURE PERIOD: After application and sealing, leave the soil for the exposure period will be required if the soil becomes excessively compacted.

AERATION AND PREPARATION OF SOIL BEFORE PLANTING: After the soil to aerate completely before planting the crop. Aeration of TELONE II is no longer evident. Under optimum soil and weather conditions, time for each 10 gallons of TELONE II applied per acre. When TELONE II is used on and shrub planting sites, a 3 to 6 months aeration period should be required if heavy rains or low temperatures occur during the exposure period. After row treatment use a knife-like chisel in the treatment zone to hasten aeration of the treated soil. To hasten aeration after to the depth of the treatment zone. This is especially desirable of muck soils.

quackgrass and for suppression of the damaging effects of Verticillium wilt on potatoes. Apply as an overall treatment according to the following:

Time of Treatment	Gallons per Acre
Spring	17 to 25
Fall	25 to 34

Mint in Northwestern States: Use 59 gallons of TELONE II per acre (overall treatment in the spring, or preferably in the fall, to aid in the control of Verticillium wilt in disease infested land to be used for mint production weeks or until the odor of the fumigant has left the soil before planting. Consult State Extension Service Specialists for the use of other weed control, and cultural practices when using TELONE II as a control of Verticillium wilt.

USE PRECAUTIONS

Important — Note Carefully. Fumigation may temporarily raise the pH of salts in the soil. This is most likely to occur when heavy rates of fertilizers are either cold, wet, acid, or high in organic matter. To avoid injury to tests made after fumigation. To avoid ammonia injury or nitrate starvation, soils do not use fertilizers containing nitrates until after the crop is well established above 65 F.

Certain crops including cotton, sugarcane, and pineapple are tolerant and not apply to them. When using high rates of TELONE II as required, liming of highly acid soils before fumigation may stimulate nitrification. Certain nursery crops such as citrus seedlings, and vegetable crops such as cauliflower have shown evidence of phosphorus deficiency. To avoid this possible effect, it is suggested that additional phosphorus experience indicates a deficiency may occur.

Attention: To avoid reinfestation of treated soil do not use irrigation or crop remains that could carry soilborne pests from infested land. Since TELONE II soil fumigant is corrosive under certain conditions, kerosene immediately after use. **DO NOT USE WATER. Do not use equipment made of aluminum, magnesium or their alloys, as under severely corrosive to such metals.** Common protective clothing, such as be penetrated readily by this material. Polyethylene provides a good barrier. Wear shoes and hands with polyethylene bags. Store TELONE II in tightly sealed containers from dwellings. In outside storage, store drums on their sides to avoid or bottom recessed areas.

Do not allow contamination of seeds, plants, fertilizers, or other pest control food, feedstuffs, or domestic water supplies.

To avoid injury to fish and other wildlife, do not spill or empty TELONE II into bodies of water.

Rinse equipment and containers and dispose of wastes by burying in soil. Dispose of empty containers by punching holes in them at the bottom. Use this product only as specified on this label.

NOTICE: Seller warrants that the product conforms to its chemical description and label when used in accordance with directions under normal conditions of use, but does not warrant MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable.

DOSAGE AND USE RECOMMENDATIONS to Control Nematodes, Symphylans, and Wireworms¹

Crops (consult list of individual crops under General Information)	Type of Treatment	Soil Type	Dosage		
			Gallons Per Acre ¹	Fl. Oz./1000 Ft. Row Per Chisel	
Shallow Rooted Plants: Field Crops Floral Crops Grasses and Turf Small Fruits Vegetables Ornamentals	Row (42") ⁶	Mineral	4.5 to 6	46 to 62	
		Muck or Peat	9 to 12	93 to 123	
	Overall (Broadcast)	Mineral	9 to 15 ²	26 to 44	
		Muck or Peat	24 ³ to 36	71 to 106	
Strawberries	Overall	Mineral	24 to 36	71 to 106	
Sugar Beets Root-Knot Nematode	Row (42")	Mineral	6	62	
	Overall		12 to 15	35 to 44	
Sugar Beet Nematode	Row (42")		9	93	
	Overall		12 to 18	35 to 53	
Pineapple ⁴	Row	Mineral	24 to 36	—	
Citrus — Florida ⁵	Overall	Mineral	36	106	
Nursery and Field: Citrus Fruit Trees Deciduous Fruit Trees ⁶ 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	15	21	27	33
	Sandy Loam	27	30	36	48
	Silt Loam	42	51	63	75
Clay Loam	54	69	84	102	

- ¹Use the higher rates in heavier soil.
 - ²For cyst-forming nematodes, increase dosage to 18 gallons per acre (53 fl. oz./1000 ft. row per chisel).
 - ³For muck soils containing less than 30% organic matter, use 18 gallons per acre.
 - ⁴For Hawaiian pineapple, application may be made at time of or just before planting.
 - ⁵For burrowing nematode in citrus, apply in 18-inch centers, 12 inches deep. Keep free of plants susceptible to burrowing nematodes for 2 years before replanting to citrus.
 - ⁶Row treatment is not recommended for potatoes in irrigated areas of western and northwestern states.
 - ⁷Tree planting sites prepared by backhoeing may be treated by pouring 27 fl. oz. of TELONE II into the hole during backfilling. For best results, prepare and treat sites in the fall and plant in the spring.
 - ⁸Use TELONE II as an aid in the control of bacterial canker and decline of peach trees by application as a preplant, overall treatment of light (sandy) soils at the rate of 24 to 36 gallons per acre (71 to 106 fl. oz./1000 ft. row per chisel) preferably in the fall when the soil is warm (50-85 F. at 6-inch depth) and moist. Inject the fumigant at a depth of 10 to 12 inches with chisels mounted on 12-inch centers. Follow directions for soil preparation, sealing, exposure, and aeration as specified elsewhere on this label.
- NOTE:** To control symphylans (garden centipedes) use only overall at 18 or more gallons per acre, and apply during late summer or early fall when the soil is warm. To control wireworms use the higher dosages recommended for nematodes in overall or broadcast treatments.

White Potatoes in Northwestern States: Use TELONE II as a spring or preferably a fall treatment to control



TELONE II

SOIL FUMIGANT

GENERAL INFORMATION

TELONE II soil fumigant only as a **preplanting soil treatment** to control plant parasitic nematodes (root-knot, root-lesion), citrus cyst formers (golden, sugar beet, soybean), burrowing, ring, spiral, sting, clubroot, root, stilet, dagger); also to control wireworms and garden centipedes (symphylans). Fumigate only crops to be planted to the crops listed below by applying TELONE II under the conditions, and at the rates recommended under DIRECTIONS FOR USE, DOSAGE AND USE RECOMMENDATIONS, and USE PRECAUTIONS. Read the entire label before using TELONE II.

Vegetable Crops:

Asparagus	cauliflower	horseradish	parsnips	shallots
Beans	celery	kale	peas	spinach
Broccoli	collards	kohlrabi	peppers	squash (summer)
Butter beans	corn	leeks	pimentos	squash (winter)
Cucumbers	cowpeas	lettuce	potatoes	sweet potatoes
Edible beans	cucumbers	melons	pumpkins	swiss chard
Endive	egg plant	mustard greens	radishes	tomatoes
Garlic	endive	okra	rutabaga	turnips
	garlic	onions	salsify	watermelons

Cereals:

Barley	flax	oats	sorghum
Buckwheat	grasses	pasture grass	soybeans
Crabgrass	hops	peanuts	sugar beets
Flax	lespedeza	popcorn	sugarcane
Grasses	millet	rice	tobacco
Legumes	milo	rye	vech
Maize	mint	safflower	wheat

Fruit Tree Planting Sites:

Apple	kumquats	lemons	limes	oranges	tangerines	tangelos
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Other Fruit and Nut Tree Planting Sites:

Almonds	dates	olives	plums
Apples	figs	peaches	pomegranates
Avocados	filberts	pears	prunes
Berries	hazelnuts	pecans	quince
Cherries	hickory nuts	persimmons	walnuts
Citrus	nectarines	pineapple	

Other Fruit and Nut Tree Planting Sites:

Berries	currants	huckleberries	youngberries
Blackberries	dewberries	loganberries	
Blueberries	gooseberries	raspberries	
Strawberries	grapes	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 II either in the spring or fall, whenever soil type and conditions permit. For best results with annual crops, treat the soil each year. In northern states, late summer, or early fall treatment (before October 15) is best for land to be planted to early spring crops, especially transplanted crops such as celery, tomatoes, and nursery and orchard stock. Early fall treatment permits planting a fall cover crop. **Note:** Treat muck soils only in the early fall and plant as late as possible in the spring; treat fine textured (clay) soils only when they are near or at the wilting point. Do not use TELONE II to treat any type of soil when it is cold and/or wet.

SOIL PREPARATIONS: TELONE II gives best results when conditions permit rapid diffusion of the fumigant through the soil and the soil surface can be sealed to prevent excessive fumigant loss during the exposure period. The soil should be in good seed bed condition, free of clods and undecomposed plant material, moisture at about one-half of field capacity, and temperature between 40° and 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 II. Tillage deeper than 12 inches is necessary for good fumigant penetration in soils where a hard or "plow" pan occurs at plow depth. Where deep tillage is used, the tillage equipment may often be modified to simultaneously apply the fumigant and thus avoid going over the field twice.

APPLICATION: TELONE II may be applied either as an **overall (broadcast)** or **row treatment**, using suitable application equipment that will ensure placement of the fumigant at least 6 to 8 inches below the final soil surface. **For overall application** use either plowsole or chisel equipment with the chisels spaced 12 inches apart. When the fumigant is injected at a depth of 12 inches or more (deep tillage), the chisel spacing may be up to twice the application depth but should not exceed 30 inches. Application may be made in the same direction or at an angle to the direction of the planting row, whichever is most convenient. **For row application**, use chisel equipment with one chisel per row or two chisels spaced 12 inches apart to treat only the soil where the crop is to be planted. When one chisel per row is used, adjust the fumigant flow rate to distribute about 1 1/2 times more fumigant per chisel than is recommended for overall application. When two chisels are used per row, apply at the same flow rate per chisel as for overall. In both cases, the amount of fumigant required per acre will decrease as the distance between rows is increased and vice versa. At time of planting, avoid placing the seed row directly over the furrow left by the applicator chisel. When a single chisel is used per row, place the seed 3 to 4 inches to one side of the chisel furrow; when two chisels are used, plant in the center of the area between the chisel furrows.

SEALING: Immediately after application, compact the soil surface to prevent excessive fumigant loss. After chisel application, use a roller, cultipacker, or similar sealing device. After plow-sole application, disk the land, then compact it by floating or rolling. Sealing after row application can be accomplished by the tractor wheel, by listing, or by bedding so that the fumigant will be 12 to 14 inches below the top of the bed. When fumigating listed rows, seal in the fumigant with ring rollers, press sealers, or by re-listing.

EXPOSURE PERIOD: After application and sealing, leave the soil undisturbed for 7 to 14 days. A longer exposure period will be required if the soil becomes excessively cold or wet during the exposure period.

AERATION AND PREPARATION OF SOIL BEFORE PLANTING: At the end of the exposure period allow the soil to aerate completely before planting the crop. Aeration is usually complete when the odor of TELONE II is no longer evident. Under optimum soil and weather conditions, allow one week of aeration time for each 10 gallons of TELONE II applied per acre. When TELONE II 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. This is especially desirable in northern states after fall fumigation of muck soils.

quackgrass and for suppression of the damaging effects of Verticillium wilt in fields to be planted to white potatoes. Apply as an overall treatment according to the following directions:

Time of Treatment	Gallons per Acre	Fl. Oz./1000 Ft. Row per Chisel
Spring	17 to 25	50 to 73
Fall	25 to 34	73 to 100

Mint in Northwestern States: Use 59 gallons of TELONE II per acre (173 fl. oz./1000 ft. row per chisel) as an overall treatment in the spring, or preferably in the fall, to aid in the reduction of the damaging effects of Verticillium wilt in disease infested land to be used for mint production. After treatment allow at least 7 to 8 weeks or until the odor of the fumigant has left the soil before planting. Consult State Agricultural Experiment Station or State Extension Service Specialists for the use of other practices such as flaming the stubble, weed control and cultural practices when using TELONE II as an aid to reducing damage caused by Verticillium wilt.

USE PRECAUTIONS

Important — Note Carefully. Fumigation 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 fumigant are applied to soils that are either cold, wet, acid, or high in organic matter.

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 ¹	Fl. Oz./1000 Ft. Row Per Chisel
Vegetable Rooted Plants Cereals Fruit Crops Lawns and Turf Fruit Crops Vegetables Ornamentals	Row (42") ⁶	Mineral	4.5 to 6	46 to 62
		Muck or Peat	9 to 12	93 to 123
Fruit Crops Vegetables Ornamentals	Overall (Broadcast)	Mineral	9 to 15 ²	26 to 44
		Muck or Peat	24 ¹ to 36	71 to 106
Berries	Overall	Mineral	24 to 36	71 to 106
Beets Knot	Row (42")		6	62

