

GENERAL DIRECTIONS

WHAT TO TREAT: Use Soilbrom-40 to control nematodes (other than cyst nematode), wireworms, garden centipedes (symphylids) and certain other soil borne insects and to be resistant to:

- | | | |
|---------------|---------------------------|--------------------------|
| corn | total crops | peanuts |
| potatoes | fruit tree planting sites | peppers |
| tomatoes | cucumber | pineapple |
| eggplants | lima beans | potatoes (white & sweet) |
| melons | nursery crops | strawberries |
| summer squash | okra | summer squash |
| tobacco | parsnips | tobacco |
| tomatoes | | tomatoes |

Soilbrom-40 is normally applied overall but row applications may be used on tobacco, cotton, cucumber and certain crops for which this method of treatment is suitable. An annual treatment provides the best results.

WHEN TO TREAT: Treatments, depending on soil and weather conditions, can be made in the spring or fall. In northern states, early fall or late summer application is usually best, especially for muck soils to be planted to early spring crops.

SOIL PREPARATION: To assure best results with Soilbrom-40, plow under all surface trash early to initiate decomposition. Disc or otherwise break down all clumps. Soil should be loosened as deeply as possible, preferably 12 to 18 inches, and should be worked to a fine, loose condition.

APPLICATION CONDITIONS: Soilbrom-40 should be injected at least 8 inches below the soil surface using either chisel or plow-sole method for overall application. Row applications can be made with one chisel per row or with 2 chisels spaced about 12 inches apart. For row applications, as the distance between the rows increases, the amount of fumigant required per acre decreases. In row applications, mark the treated areas so that later planting will be in the center of the treated area.

The soil at application time should be moist and friable without being either too wet or too dry, and preferably in the temperature range of 50° F. to 90° F.

Do not use the row method for control of wireworms.

SURFACE SEAL: Immediately after application compact the soil. When the plow method is used, disc well and then insure the seal by rolling or cultipacking. With chisel application, a roller, cultipacker or float can follow the chisel bar or these can be pulled by another closely following tractor. Sealing of row applications may be accomplished by listing by the tractor wheel, or by bedding. Be sure that the fumigant is from 12 to 14 inches below the surface. On listed rows, seal the fumigant in each press sealer or ring rollers.

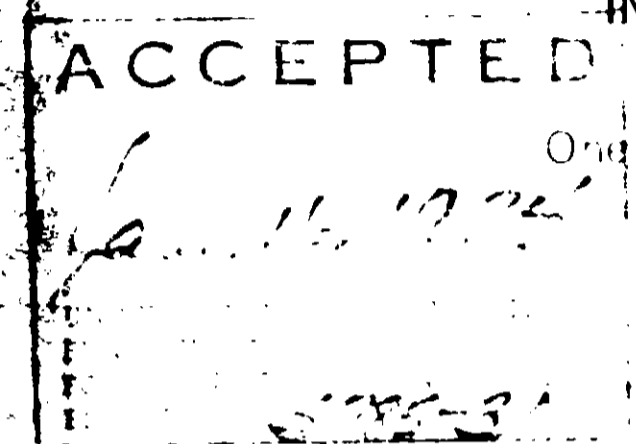
EXPOSURE PERIOD: Leave soil undisturbed for 7 to 21 days after application. In cooler areas to retard diffusion of the fumigant, increase the exposure period if there is a heavy rain or rains following application.

BEFORE PLANTING BROADCAST TREATMENT. Following the exposure period aerate the soil by deep cultivation or plowing. This procedure is especially applicable in muck soil in northern areas. If during the exposure period there are heavy rains followed by low temperatures, work the soil several times. Deep rooted trees and shrubs may take 3 to 6 months for aeration whereas shallow rooted crops may be planted one to two weeks after treatment or when aeration is complete.

SOILBROM®-40

Concentrated soil fumigant for use in the control of nematodes, wireworms and other soil-borne pests such as weevils and larvae.

ACTIVE INGREDIENT	By Wt.
Ethylene dibromide	41%
INACTIVE INGREDIENT	59%
Total	100%



One gallon Soilbrom-40 contains 3.6 pounds of ethylene dibromide

KEEP OUT OF REACH OF CHILDREN
DANGER
POISON



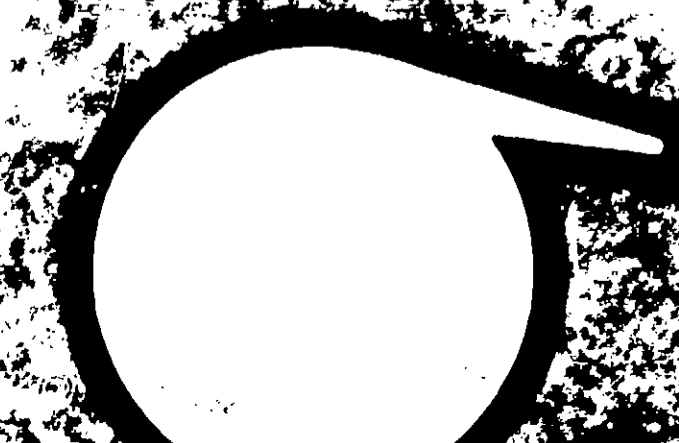
CALL PHYSICIAN IN CASE OF ACCIDENTS
HARMFUL IF INHALED, SWALLOWED OR CONTACTED WITH SKIN
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME

FIRST AID: In case of contact, immediately remove contaminated shoes and clothes and wash skin with soap and water. Flush eyes copiously with water for at least 15 minutes and get medical attention. Do not reuse clothing or shoes until completely free of chemical odor. If inhaled, remove patient to fresh air. If swallowed, induce vomiting with 2 tablespoonfuls of salt in glass of warm water. Call a doctor.

EPA REG. N

NET CONTENTS

LOT NO.



SOILBROM[®] - 40

Concentrated soil fumigant for use in the control of nematodes, worms and other soil-borne pests such as weevils and larvae.

ACTIVE INGREDIENT	By Wt.
Ethylene dibromide	41%
INACTIVE INGREDIENT	59%
Total	100%

One gallon Soilbrom-40 contains 3.6 pounds of ethylene dibromide

KEEP OUT OF REACH OF CHILDREN

DANGER



POISON



CALL PHYSICIAN IN CASE OF ACCIDENTS

**HAZARDOUS IF INHALED, SWALLOWED OR CONTACTED WITH SKIN
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME**

FIRST AID In case of contact, immediately remove contaminated shoes and clothes and wash skin with soap and water. Flush eyes copiously with water for at least 15 minutes and get medical attention. Do not reuse clothing or shoes until completely free of chemical odor. If inhaled, remove patient to fresh air. If swallowed, induce vomiting with 2 tablespoonfuls of salt in glass of warm water. Call a doctor.

EPA REG. NO. 5785-30



DOSAGE AND USE RECOMMENDATIONS

Use as preplant only. Do not exceed maximum dosage per acre in a single year.

CROP OR AREAS	TYPE APPLICATION	REMARKS	GALLONS PER ACRE (overall or row)	GALLONS PER 100 LINEAR FT. CHISEL	
				Low Rate	High Rate
ROW OR FIELD CROPS	Overall	Mineral	13.5 - 18	117	156
Asparagus, beans (lima), broccoli, melons, carrots, cauliflower, corn (sweet), cucumbers, eggplant, lettuce, okra, parsnips, peppers, tomatoes, squash (summer), sweet potatoes, strawberries, cotton, tobacco		Muck	18 - 27	156	234
Potatoes (white)	Overall	Mineral	10.8 - 18	117	156
Strawberries (a)	Overall	Wherever needed	27		234
Nursery and floral crops, seedbeds	Overall	Wherever needed	18		156
Fruit tree planting sites	Overall or strip	Wherever needed	45		390
Pineapple (b)	Row	Wherever needed	27 - 54	234	468
Peanuts (c)	Row	Wherever needed	2 - 3		52

(a) For strawberries to be maintained more than one year. Used on a preplant basis only.

(b) Application is to be made in or near the plant lines at a depth of 5 to 8 inches. For Hawaiian pineapples depending on cultural practices, the interval between treating and planting may be as short as 2 days.

(c) As a control of nematodes in sandy soil, on an at planting time application, apply 2 to 3 gallons per acre on a 36 inch center to an 8-inch depth. Peanuts are planted the same day.

CAUTION CONCERNING PEANUT HAY AND HULLS Although a safe tolerance has been established by the U. S. Food and Drug Administration for residues of bromides in peanut kernels grown on soil fumigated with Soilbrom 40, the peanut hay and hulls will contain bromide residues not covered by a tolerance. Such peanut hay and hulls are not suitable as feed for meat or lactating dairy animals. To avoid misuse of such hay or hulls, do not sell to another party or otherwise introduce into commerce. Any forage crop grown on soil treated with bromide containing fumigant should not be used as a feed for dairy animals or for animals being finished for slaughter until 2 years after row treatments are made and 3 years following overall treatments.

For wireworms in western irrigated districts, use 9 gallons per acre (276 or 100 linear ft. chisel). Wireworms are not controlled by row treatment.

PRECAUTIONS

To reduce reinfestation of the soil use clean tools. Do not add crop residues or use transplants that may carry nematodes.

Fumigation may temporarily raise the level of ammonia nitrogen and soluble salts in the soil, particularly where heavy rates of fertilizer and fumigants have been applied to either cold, wet, acid or high organic matter soils. To avoid plant root injury, fertilize after fumigation as indicated by soil tests. To avoid nitrate starvation, ammonia injury or both, avoid ammonium salt fertilizers until after the crop is well established and the soil temperature is about 65° F. Nitrification in highly acid soils may be stimulated by liming, thereby reducing ammonia toxicity. The above precautions do not apply to crops such as pineapple and cotton which are tolerant to ammonia.

Do not use Soilbrom 40 on land to be planted to gardens within 2 years.

Do not store near seeds, plants or fertilizers.

If Soilbrom 40 is subjected to temperatures of 28° F. or lower, warm to 50° F. and mix thoroughly before using.

Store in tightly closed containers in a cool place away from dwellings.

Avoid breathing vapor. Do not get in eyes, on skin or on clothing. Use only with adequate ventilation.

NOTE: The U. S. Food and Drug Administration has established maximum amount of pesticide chemicals (in parts per million) that may remain on raw agricultural products at harvest. The above dosage recommendations are based on the best available information and if followed carefully should not leave excessive residues. It is the user's responsibility to see that there is no residue