

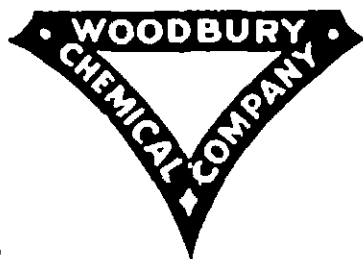
E PESTICIDE

applicators or persons under their direct supervision and the Certified Applicator's certification.

E-2R G FUMIGANT

FOR AGRICULTURAL USE ONLY

TO CONTROL WEED SEEDS,
AND SOIL INSECT PESTS



CONTENTS:

..... 98%
..... 2%
TOTAL 100%

Producto hasta que la etiqueta le haya sido explicada ampliamente.
(Do not use this product until the label has been fully explained to you.)

POISON

KEEP OUT OF REACH OF CHILDREN

First Aid Treatment

1. In Case of Inhalation: Move Patient to Fresh Air. If Breathing Has Stopped, Oxygen Should Be Administered.

2. In Case of Skin Contact: Remove Clothing. Wash Skin Thoroughly with Soap and Water. If Irritation or Blisters Develop, Get Medical Attention.

3. In Case of Ingestion: Do Not Induce Vomiting. Get Medical Attention.

4. Observation For 24 To 48 Hours.

PRECAUTIONARY STATEMENTS

AGRICULTURAL CHEMICAL
Do Not Ship or Store
with Foods, Feeds,
Drugs or Clothing

Manufactured for
WOODBURY CHEMICAL COMPANY
P.O. Box 33032

E.P.A. REG. NO. 9782-56

NET WEIGHT _____ LBS.

PREPLANT SOIL FUMIGATION

WHEN TO TREAT: Treatments can be made in the spring, summer, or fall whenever soil conditions are suitable. In northern states, late summer or early fall treatments are best for land to be planted to early spring crops.

SOIL PREPARATION: To facilitate fumigant penetration, plant refuse should be worked into the soil and time allowed to decompose before treating. Soil must be in good workable seed bed condition, warm, preferably 50° to 80°F at a depth of five inches, with moisture adequate for good seed germination. Do not treat if the soil temperature is below 45°F at the five inch level. Pretreatment tillage to a depth of 12 to 18 inches often improves results, especially in heavy or muck soils.

APPLICATION: A special inexpensive chisel type applicator is used to inject FUME 2R fumigant about 5-8 inches into the soil. Due to the volatility of this fumigant, a tarpaulin must be laid over the soil immediately after application. Lay tarpaulin manually or with a mechanical tarp layer. FUME 2R fumigant is toxic to plants. Do not apply to soil containing roots of desirable plants. The edges of the tarpaulin cover should be at least 18 inches away from the foliage drip-line of desirable plants.

For application of repeated small doses, a 3 pound methyl bromide dispenser, Model 8022 is recommended. These dispensers are available from NAMCO, 765 Lonsdale Ave., P.O. Box 319, Milpitas, California 95035.

EXPOSURE PERIOD AFTER APPLICATION: For soil temperatures above 60°F, leave the treated soil covered for at least 48 hours to insure maximum fumigant diffusion. For soil temperatures below 60°F, extend the exposure period to 3 or 4 days for best results. Good results are obtained from fall applications when the covers are left on all winter.

PESTS CONTROLLED:

Nematodes, including Root knot spp., Tylenchulus, Pratylenchus, Xiphinema, Criconemoides, and Paratylenchus on strawberries, tomatoes, citrus, and deciduous fruits and nuts.

Soil borne fungi, including: Fusarium, Phythium, Rhizoctonia, Phytophthora, Pyrenochaeta, Sclerotinia, Sclerotium, Armillaria, and the clubroot organism.

Weeds and weed seed. Seeds, roots, stolons, and bulbs of broadleaf weeds and grasses including quackgrass, annual bluegrass, broom rape, common lambsquarters, torpedograss and bermudagrass. Not effective against Malva, dodoer, and some species of clover.

Insects in the soil at the time of treatment including Wireworms, June beetle larvae, white grubs, and garden symphylan.

DOSAGE TABLE FOR FUME-2R

Pest Control Desired	TYPE OF SOIL OR MATERIAL	Dosage	Minimum Exposure Time(1)	Aeration Time Before Planting(2)
Nematodes, soil insects and weed seeds	Turf Renovation: Lawns, parks, golf greens, athletic fields and other ornamental and recreational turf areas.	1 1/2 lb. per 150 sq. ft. or 430 lb. per acre	24 hrs.	48 hrs.
	Nonfood and Nonfeed Crop Areas: Seed and plant beds for tobacco, flowers, shade and forest trees, ornamental shrubs and vines, and other similar plants. Also vegetables for production of transplants only.			
	Permanent planting sites for tobacco, flowers, shade and forest trees, ornamental shrubs and vines and other similar plants.			
	Well rotted compost, manure and top soil.	1 1/2 lb. per cu. yd.	24 hrs.	72 hrs.
Damping-off organisms such as: Pythium, Rhizoctonia, Fusarium	Mulching straw or hay.	1 1/2 lb. per 6 bales	48 hrs.	24 hrs.
	Turf Renovation: Some sites as listed above.	3 lb. per 150 sq. ft.	24 hrs.	72 hrs. or longer
	Nonfood and Nonfeed Crop Areas: Some plants as listed above.			
	Well rotted compost and manure.	1 lb. per cu. yd.	24 hrs.	72 hrs. or longer

(1) Exposure and aeration times should be doubled if soil temperature is between 50°F and 60°F. FUME-2R should not be used if temperature is below 50°F.

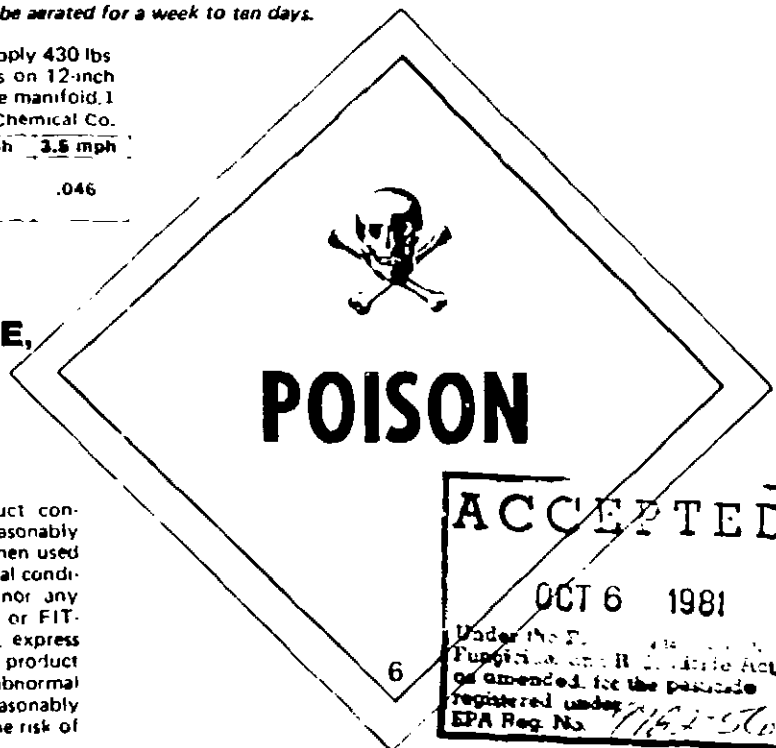
(2) Soil in which plants are to be set should be aerated for a week to ten days.

Consult the following calibration chart to apply 430 lbs of FUME-2R fumigant per acre with chisels on 12-inch centers and 45 lbs. operating pressure at the manifold. 1. For other calibration, consult Woodbury Chemical Co.

Tractor Speed	2 mph	2.5 mph	3 mph	3.5 mph
Orifice Diameter In Inches	.037	.039	.043	.046

METHYL BROMIDE, LIQUID

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.



PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

EXTREMELY HAZARDOUS LIQUID AND VAPOR UNDER PRESSURE.
INHALATION MAY BE FATAL OR CAUSE DELAYED LUNG INJURY.
LIQUID AND VAPOR CAUSE BURNS WHICH MAY BE DELAYED.

OBSERVE THE FOLLOWING PRECAUTIONS:

DO NOT BREATHE VAPORS

1. Use only with adequate ventilation.

RESPIRATORY PROTECTION

Wear a full face gas mask with black canister meeting specifications of U.S. Bureau of Mines for organic vapors. Chloropicrin must never be depended upon as a warning agent when a gas mask is worn.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING

2. Should shoes or clothing become contaminated, remove at once and do not wear again until aired outside for several days.
3. DO NOT WEAR GLOVES OF ANY TYPE, OR ORDINARY RUBBER PROTECTIVE CLOTHING OR BOOTS.
4. DO NOT SPILL or discharge contents outside of areas confined for treatment.
5. WEAR SAFETY GLASSES when dispensing FUME 2R.
6. KEEP AWAY FROM HEAT SOURCES, such as heating devices.
7. Keep animals and children away from plots while under treatment for at least 30 minutes after the cover is removed. The warning agent in FUME 2R, by irritating the eyes, will warn of leaks or spillage in handling and storage. Chloropicrin must never be depended upon as a warning agent when a gas mask is worn. It disappears in a few hours, however, and will not keep children or animals from creeping under the cover.
8. Always have a helper to assist with application and any emergency.
9. Obtain medical assistance at once in case of illness after exposure, and do not allow conditions which could accidentally cause further exposure until recovery is complete.

ENVIRONMENTAL HAZARD

While in the container, FUME 2R fumigant is a liquid under pressure. It turns to gas when released and must be confined under a gasproof cover of either plastic or coated fabric. Both the liquid and the gas are poisonous and may cause burns on contact. Observe all Precautionary Labeling and Use and Handling Precautions given on this label.

To avoid injury to fish or other wildlife do not allow FUME 2R to contact bodies of water such as an improper disposal. (See instructions under Storage and Disposal.)

CHEMICAL HAZARD

Under certain conditions FUME 2R fumigant may be corrosive to certain metals. DO NOT use containers or application equipment made of aluminum, magnesium or their alloys.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE PRECAUTIONS: FUME 2R has given results with a wide variety of soils and plants. However, for reasons not clearly understood, plant growth has occasionally been unsatisfactory following treatment. Difficulty has been experienced with carnations, conifers, holly, multiflora roses, snapdragons, and certain other ornamental plants and shrubs. Every grower should experiment on a small scale for at least a full season before extensive use.

For best results, observe the following precautions:

1. Do not treat soil when very cold, very wet or very dry.
2. FUME 2R is toxic to all plants. Do not fumigate too close to desirable vegetation. Keep the edge of the cover at least a foot away from the roots of desirable plants and water the root zone thoroughly. Plants not covered by the tarp or polyethylene cover. If possible, pre-soak roots zone around desirable plants immediately adjacent to cover to help contain the gas under the cover.
3. Be sure treated soil or material is free from FUME 2R before seeding or using. Working it will help aeration.
4. Prevent contamination of fumigated areas. If necessary to avoid flooding, trench around them or build wooden or earthen dams. Clean your shoes carefully when walking from untreated to treated soil. Do not use tools, transplants or crop remains that may carry pests from unfumigated areas.
5. Fumigation with FUME 2R sometimes slows down the rate of nitrification (the conversion of nitrates from ammonia by bacterial action). Certain ammonia-sensitive plants, such as tomatoes, may suffer growth inhibition or stand reduction when planted in fumigated soils containing high amounts of ammonia nitrogen. To lessen this hazard at least 1:2 and preferably all of the nitrogen fertilizer added immediately before or soon after fumigation should be in the form of nitrate nitrogen. This hazard may also be reduced by delaying planting until several months after fumigation. If a nitrate form of nitrogen such as sodium or calcium nitrate is not readily available, ammonium nitrate used sparingly will supply the nitrogen needed without risk. Phosphorus, potassium and other plant nutrients should be used according to soil needs.
6. Fumigation of soils in organic matter, such as muck, compost and heavily manured soil, may occasionally cause conditions which result in poor plant growth. These soils should be fumigated at least two months before planting.
7. To avoid the possibility of exceeding bromide tolerances, food crops other than strawberries and tomatoes should not be grown to maturity in soil treated with FUME 2R fumigant. Transplant such crops to untreated soil or to soil treated according to registered pesticide uses.

STORAGE AND DISPOSAL

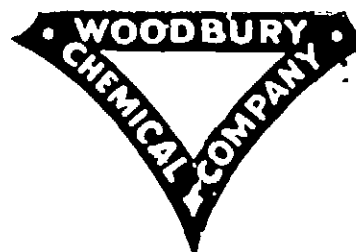
PROHIBITIONS - Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE Store in a cool place away from dwellings.

CONTAINER DISPOSAL When cylinders are empty, replace shipping caps and return to Woodbury Chemical Company for reuse.

RESTRICTED USE

For retail sale to and use only by Certified Supervision, and only for those uses covered.



FUME 2R
PENETRATING
FOR PROFESSIONAL USE

FOR THE TREATMENT OF SOILS
GRASSES, NEMATODES



ACTIVE INGREDIENTS
Methyl Bromide
Chloropicrin

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto.
TRANSLATION: (TO THE USER:) If you cannot read English,

DANGER

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRECAUTIONS

IF INHALED - Carry Patient To Fresh Air. Call Physician. Patient Lying Down And Warm. Give Artificial Respiration. Only By Qualified Personnel.

IF ON SKIN - Immediately Remove All Contaminated Clothing. Wash Skin Thoroughly With Soap And Water. Do Not Reuse Shoes Or Clothing Until Free.

IF IN EYES - Flush Immediately With Plenty Of Water.

NOTE TO PHYSICIAN - Keep Patient At Rest And Under Observation.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONS

In case of an emergency
endangering life or property
involving this product,
call collect 517-636-4400

Manufactured by
WOODBURY CHEMICAL COMPANY
Princeton, New Jersey
E.P.A. EST. NO. 9782-FL-1

NET CONTENTS