

**DIRECTIONS FOR USE**

**ACCEPTED**  
 May 5 1970  
 FEDERAL INSECTICIDE  
 FERTICIDE ACT  
 U.S. DEPARTMENT OF AGRICULTURE  
 43-89

**DANGER**

**KEEP AWAY FROM CHILDREN**

**HAZARDOUS LIQUID AND VAPOR.  
 ABSORBED THROUGH THE SKIN.  
 CAUSES SKIN IRRITATION AND  
 BURNS ON CONTACT.**

Do not get in eyes, on skin or on clothing. Avoid breathing vapor. Harmful by inhalation, swallowing or skin contact.



**ANTIDOTE and FIRST AID**

Call a doctor in case of accident or exposure.

**Skin Contact:**

In case of contact, immediately remove all contaminated clothing including shoes, and wash skin with plenty of water. For eyes, wash with plenty of water for at least 15 minutes and get medical attention. Do not re-use clothing or shoes until free of all contamination.

**Inhalation:**

In case of illness from inhalation, remove patient to fresh air and call a doctor.

**If Swallowed:**

Give an emetic such as a tablespoonful of salt in a glass of warm water. Repeat until vomit fluid is clear. Call a doctor at once.

**DIRECTIONS FOR USE:** GOLD BEAR Fumigant EDB-85 is used as a preplant treatment for control of root-knot, root-lesion, stunt, sting, citrus, potato rot, stubby root, burrowing, and dagger nematodes. (Golden nematode and encysted stages of sugar beet and similar kinds are not controlled.)

**Crops Benefited:** Among the nematode-susceptible crops benefited by this product are:

cotton	potatoes	nursery crops and trees
tomatoes	carrots	floral crops
tobacco	parsnips	sweet potatoes
strawberries	pineapples	lima beans
cucumbers	sweet corn	squash and melons

**Caution:** Do not use on any growing crop. For pre-planting use only.

**Soil Preparation:** Before treatment the soil should be in a good state of tilth with adequate moisture content for good crop growth. Deep tillage permits better fumigant penetration and better control of soil pests.

GOLD BEAR Fumigant EDB 85 can be applied either in Fall or Spring. Late Summer or early Fall applications are advantageous in northern latitudes or where early Spring crops are to be planted. Preferably the soil should be warm (65-90 F) and not below 50 F.

**How to Apply:** For satisfactory results inject GOLD BEAR Fumigant EDB-85 at a depth of at least 8 inches below the soil surface with a cultivator chisel or plow sole chisel. Chisels should be spaced 12 inches apart. Either general over all application or



**FUMIGANT  
 EDB-85**

**CONTAINS ETHYLENE DIBROMIDE**

**NET CONTENTS: GALS.**

Active Ingredient: Ethylene Dibromide 83%  
 Inert Ingredients 17%  
 Each gallon contains 12 pounds of Ethylene Dibromide

**DANGER: Keep out of reach of children.**

See antidote statement and other required warning statements on the side panel of label

row application may be used. For row application, dispense the fumigant from two chisels 12 inches apart, then plant the row between the two treatments. Location of the row should be suitably marked. Row applications are not suitable for wireworm control.

The fumigant should be sealed in immediately after application by compacting with a roller or cultipacker, preferably attached to the applicator. After plow-sole application, disk the soil, then compact with a roller or boat. After row application, soil surface can be sealed by tractor wheel or other suitable means.

**Exposure and Aeration.** Following application, as described above, the soil should be left undisturbed for one to three weeks. The longer exposure period is desirable when the soil is either wet or cold.

At the end of the exposure period aerate the soil by working deeply with a cultivator or plow or harrow. If heavy rains or low temperatures have occurred, cultivate several times, especially on clay or muck soils, or after Fall fumigations.

Aeration can be considered complete when odor of the fumigant is no longer detectable. Shallow rooted annuals can usually be planted one to two weeks after fumigation. Up to 6 months may be required before trees and other deep rooted perennials may be set.

**Rate of Application:** With the cultivator chisels set 12 inches apart, for 8-inch depth, the following dosage should be applied:

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Crop, Soil, or Pest	GOLD BEAR Fumigant EDB-85 Gallons Acre
Loom or sandy soil, Nematode control	4.6
Muck soil, Nematode control	9
Wireworms (Western States)	3
Garden centipedes	6
Nursery stock, seed beds (average conditions)	6
Strawberries	9
Trees fruit	15
White potatoes	3.6
Cucumbers	3.9
Melons	3.9
Squash	3.9
Tobacco	6
Pineapple	9.18

**APPLICATION CHART** for 12 inch chisel spacing

Dosage Rate Gals/Acre	Amount to Apply Per 100 lineal rods/Chisel
3	1 pint
4 1/2	1-3/8 pints
6	1 4/5 pints
9	2 3/4 pints
15	4 1/2 pints

**Use Precautions:** Certain crops may occasionally fail to grow well in fumigated soil owing to a temporary lack of nitrate nitrogen or ammonia toxicity. This is most likely to happen where heavy applications of fertilizer containing ammonia nitrogen have been used on cold, wet or acid soils, or where there are undecomposed plant remains in the soil. Remedy: Use commercial fertilizers with part or all of the nitrogen in nitrate form, lime acid soils to stimulate nitrifying bacteria, plow under plant residues in advance, if possible, so that they will be decomposed before fumigation. Sugar cane, cotton and pineapples are not usually injured by ammonia.

**GENERAL PRECAUTIONS:** Avoid reinfesting soil after fumigation. Do not use transplants, crop residues, or machinery that could infect soil. Do not use GOLD BEAR Fumigant EDB-85 on very heavy clay soil. Row treatment will not control wireworms. Soil fumigation does not control white grubs, certain beetle and lepidopterous larvae. Consult your state agricultural extension service concerning specific usage.

Store away from seeds, fertilizer or other pesticides. Keep containers well closed in a cool place, away from dwellings. Do not use GOLD BEAR Fumigant EDB 85 in any equipment made of aluminum, magnesium or alloys of these metals. Some crystallization may take place at temperatures below 26 F. If this happens, warm to about 50 F and agitate well to dissolve.

**NOTICE TO BUYER**

Seller warrants that the within product will comply with the description of the goods contained on the label but Buyer's remedy under this warranty shall be limited exclusively to the remedy of rescission. This warranty is expressly in lieu of all other warranties and conditions express or implied, all liability for negligence, and all other obligations or liabilities on Seller's part or on the part of anyone in Seller's chain of title. If unwilling to accept the product under these conditions, Buyer may return it for full credit.

U.S.D.A. Reg. No. 48189

**A Preplant Treatment for Control of Nematodes and Wireworms in Cotton, Strawberries, Potatoes, Other Vegetable Crops, Tobacco and in Nurseries.**