

AGEL™ TG-67 Soil Fumigant

USDA Reg. 9857-3

For the Ornamental Nursery, Flower Growing and Tobacco
CONTROLS: Nematodes, certain weeds, weed seeds, and aids in suppression of certain nematode soil borne disease complexes on tobacco.

DANGER - Flammable liquid and vapor. Contact with liquid may produce burns. Do not breathe vapor. Wear a full face gas mask with BLACK CANISTER meeting specifications of the U. S. Bureau of Mines for organic vapors. Do not get into eyes, on skin, or on clothing. In case of contact, immediately remove all contaminated clothing including shoes. Wash skin thoroughly with soap and water and flush eyes with water for at least 15 minutes. Get medical attention immediately. Do not reuse shoes or clothing until free of all contamination. Keep away from heat. Keep container closed.

FIRST AID - Remove victim to fresh air immediately. Keep victim lying down and warm. Give artificial respiration if breathing has stopped. CALL A PHYSICIAN IMMEDIATELY.

DIRECTIONS

Controls nematodes, certain weeds, weed seeds and aids in suppression of certain nematode-soil borne disease complexes on tobacco. Use contrary to directions may result in injury to plants, unsatisfactory control, or other unintended consequences. **STUDY ENTIRE LABEL BEFORE USE.** Soil to be fumigated with AGEL™TG-67 should be specially prepared to insure the grower a satisfactory job. If you plan to use fumigants, the soil should meet the following requirements:

1. Soil preparation: To insure the most effective result with AGEL™TG-67, plow under all surface trash early to rotate, termination, i.e., completely cover weed growth and other refuse prior to fumigation.
2. Soil tilth: Soil should be tilled to the depth it is desirable the fumigant penetrate. It should be worked until free of clods and lumps remains after working in the normal manner, the soil should be rototilled. Soil should be loosed as deeply as possible between 12" and 16" and should be worked to a fine loose condition.
3. Moisture: AGEL™TG-67 performs very poorly in either very wet or very dry soil. In order to secure proper moisture the soil should be thoroughly wetted several days prior to fumigation and then permitted to dry back to a damp condition. The soil should be worked just prior to fumigation to bring moisture to soil surface and to secure seed bed condition. The soil at application time should be moist and friable without being either too wet or too dry and brought to seed germination level to insure effective weed, nematode and disease control. Soil temperature at the time of application preferably should be in the temperature range of 50° to 70° F.
4. The use of polyethylene sheeting or tarpaulin not required in application of AGEL™TG-67 Soil Fumigant.

OVERALL and ROW FUMIGATION

CHRYSANTHEMUM BEDS, LANDSCAPE PLANT NURSERY BEDS, ORNAMENTAL SEEDBEDS and ROW FUMIGATION FOR TOBACCO:
OVERALL FUMIGATION - Seedbed: Use AGEL™TG-67 at rate of 3.2-3 pints (58.6 fluid ounces) - 1.77 liters per 100 sq. ft. applied through a tractor mounted chisel type broad cast liquid fumigant unit. The chisels should be spaced 2 inches with furrows spaced 6" to 8" deep. A pressure of 25 to 40 psi may be used. A heavy drag should be mounted behind the chisels and the soil should be covered and press the treated area.

ROW FUMIGATION - Tobacco only. Use AGEL™TG-67 at rate of 2 to 3 gallons per acre applied through a tractor mounted chisel type liquid fumigant unit with bed shaper attached. On 48" rows 2 gallons per acre in the row is equivalent to 1.25 pints per 100 linear feet and 3 gallons per acre in the row is equivalent to 1.96 ml or 3.6 fluid ounces per 100 linear feet. Use a single chisel per row to inject AGEL™TG-67 8" to 10" below the soil surface. A pressure of 20 to 40 psi may be used. Orifice discs should be set in the tubing at the top of each shank to prevent clogging.

EXPOSURE PERIODS - After 24 to 48 hours after treatment begin a 14 day aeration period prior to transplanting. For tobacco seedbeds after 24 to 48 hours after treatment begin a 2 day aeration period. Wait six weeks before transplanting tobacco seedbeds. For tobacco rows follow application of AGEL™TG-67. For tobacco only 7 days after exposure soil be transplanted. Before planting following the exposure period, aerate soil thoroughly. If fumigation or fumigant is used, aeration of soil is complete.

Calibration - The fumigant unit ready to go should be calibrated in the field at a constant speed which will give 3.2-3 pints per 100 sq. ft. Calibration charts for variation in speed, orifice size and chisel spacing are available on request.

AVOID REINFESTATION OF TREATED SOIL - Do not use transplants, tools or equipment that may be contaminated with fumigant on pests or nematodes.

PRECAUTIONS - Under certain conditions growing difficulty may be experienced with tobacco, Delphinium, Hyacinth, Mimulus, Roses, Salvia and Snap Dragons. **DO NOT USE ON CARNATIONS.**

ADEQUATE SOIL AERATION IS IMPORTANT - If there is a question use on a small plot to determine safety. **DO NOT APPLY BEFORE MAKING APPLICATION.**

SAFETY PRACTICES

NOT FOR USE OR STORAGE IN OR AROUND THE HOME

Care must be exercised by the user to prevent spillage of the fumigant on skin, clothing or shoes. If such spillage should occur, especially on clothing or shoes, such clothing or shoes should be immediately removed. Wash clothing and air shoes thoroughly before re-use. Repeated contact with the bare skin should be avoided and skin should be washed when wet with the fumigant. In case of contact with eyes, flush with plenty of water for at least 15 minutes.

DO NOT USE CONTAINER OR APPLICATOR EQUIPMENT WITH ALUMINUM PARTS. DO NOT RE-USE EMPTY CONTAINER. Destroy by perforating or crushing and burying in a safe place.

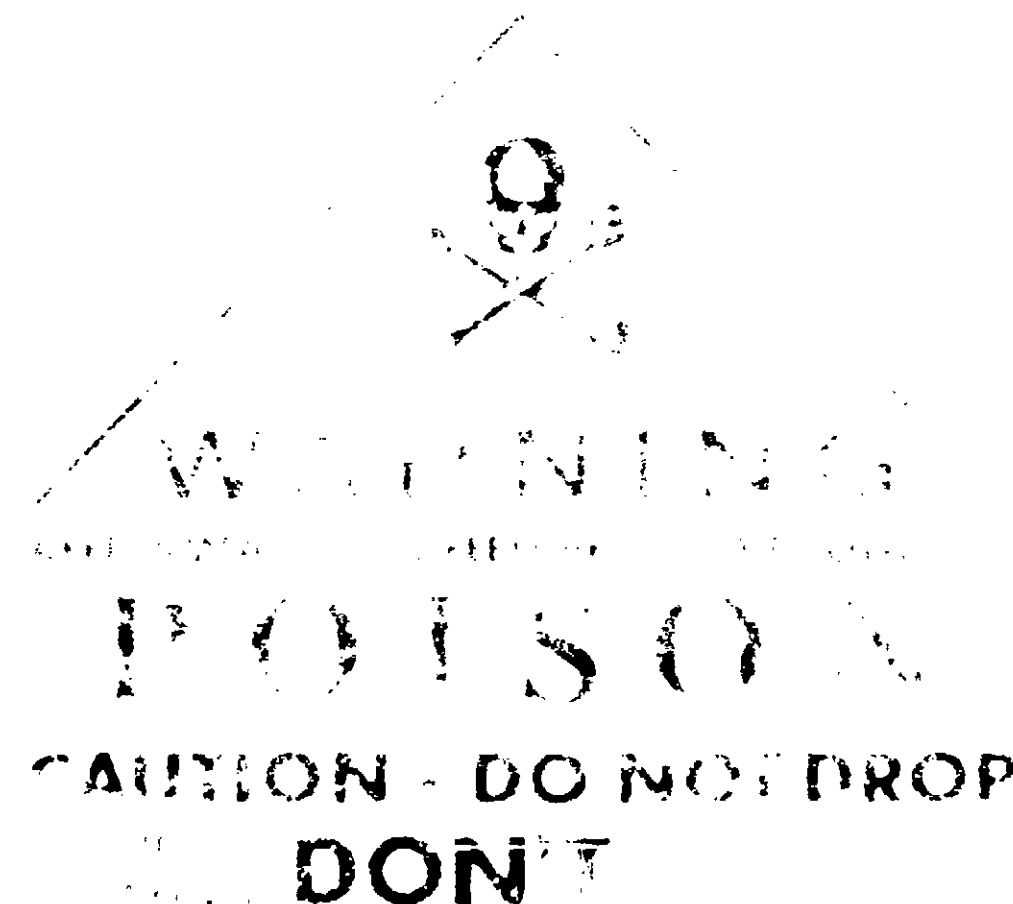
AGEL™TG-67 is packaged in the CANTRIX™ disposable container. AGEL™TG-67 can be applied only with the CANTRIX™ application system. This includes the CANTRIX™ applicator which punctures two holes in the bottom of the non returnable can.

NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty, express or implied, extends to the suitability of 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.

The purchaser is licensed under U. S. Patent No. 2,605,857 and the price paid herefor includes the license fee. Also U. S. Patent No. 3,337,619.

CANTRIX™ registered trademark of Solutia Corporation.



DANGER

KEEP OUT OF REACH OF CHILDREN

POISON

TG-67 Soil Fumigant

USDA Reg 9857-3

For the Ornamental Nursery, Flower Growing and Tobacco

CONTROLS. Nematodes, certain weeds, weed seeds, and aids in suppression of certain nematode soil borne disease complexes on tobacco.

DANGER - Poisonous. Liquid and vapor. Contact with liquid may produce burns. Do not breathe vapor. Wear a full face gas mask with BLACK CANISTER meeting specifications of the U. S. Bureau of Mines for organic vapors. Do not get into eyes, on skin, or on clothing. In case of contact, immediately remove all contaminated clothing including shoes. Wash skin thoroughly with soap and water and flush eyes with water for at least 15 minutes. Get medical attention immediately. Do not reuse shoes or clothing until free of all contamination. Keep away from heat. Keep container closed.

ANTIDOTE - Remove victim to fresh air immediately. Keep victim lying down and warm. Give artificial respiration if breathing has stopped. CALL A PHYSICIAN IMMEDIATELY.

DIRECTIONS

Controls nematodes, certain weeds, weed seeds and aids in suppression of certain nematode-soil borne disease complexes on tobacco. Use contrary to directions may result in injury to plants, unsatisfactory control, or other unintended consequences. **STUDY ENTIRE LABEL BEFORE USE.** Soil to be fumigated with AGEL™TG-67 should be specially prepared to insure the grower a satisfactory job. If you plan to use fumigants, the soil should meet the following requirements:

1. Soil preparation - To insure the most effective result with AGEL™TG-67, plow under all surface trash early to initiate decomposition, completely cover weed growth and other refuse prior to fumigation.
2. Soil tillth - Soil should be tilled to the depth it is desirable the fumigant penetrate. It should be worked until free of clods. If clod remains after working in the normal manner, the soil should be rototilled. Soil should be loosened as deeply as possible between 12" and 14" and should be worked to a fine loose condition.
3. Moisture - AGEL™TG-67 performs very poorly in either very wet or very dry soil. In order to secure proper moisture the soil should be thoroughly wetted several days prior to fumigation and then permitted to dry back to a damp condition. The soil should be worked just prior to fumigation to bring moisture to soil surface and to secure seed bed condition. The soil at application time should be moist and friable without being either too wet or too dry and brought to seed germination level to insure effective weed, nematode and disease control. Soil temperature at the time of application preferably should be in the temperature range of 50° to 70° F.
4. The use of polyethylene sheeting or tarpaulin not required in application of AGEL™TG-67 Soil Fumigant.

OVERALL and ROW FUMIGATION

CHRYSANTHEMUM BEDS, LANDSCAPE PLANT NURSERY BEDS, ORNAMENTAL SEEDBEDS and ROW FUMIGATION FOR TOBACCO

OVERALL FUMIGATION - Seedbed - Use AGEL™TG-67 at rate of 3-2.3 pints (58.6 fluid ounces - 1.77 liters) per 100 linear feet, applied through a tractor-mounted, chisel-type broadcast liquid fumigant unit. The chisels should be spaced 2 inches with fumigant chisels 6" to 8" deep. A pressure of 25 to 40 psi may be used. A heavy drag should be mounted behind the chisels so as to thoroughly cover and press the treated area.

ROW FUMIGATION - Tobacco only. Use AGEL™TG-67 at rate of 2 to 3 gallons per acre applied through a tractor-mounted chisel-type liquid fumigant unit with bed shaper attached. On 48" rows 2 gallons per acre in the row is equivalent to 72 ml or 2.4 fl. oz. per 100 linear feet and 3 gallons per acre in the row is equivalent to 108 ml or 3.6 fluid ounces per 100 linear feet with a single shank entered in the row. Use a single chisel per row to insert AGEL™TG-67 8" to 10" below the soil surface. A pressure of 20 to 40 psi may be used. Orifice discs should be set in the tubing at the top of each shank to provide even flow.

EXPOSURE PERIODS - After 24 to 48 hours after treatment begin a 14-day aeration period prior to transplanting. For direct seeding after 24 to 48 hours after treatment begin a 2-day aeration period. Wet soil retards diffusion. Increase exposure time if heavy rains follow application of AGEL™TG-67. For Tobacco only, 7 days after exposure before transplanting.

Before planting - Following the exposure period, aerate soil thoroughly. If fumigant or fumigant odor persists, plant until aeration of soil is complete.

Calibration - The fumigant unit ready to go should be calibrated in the field at a constant speed while applying the AGEL™TG-67. Calibration charts for variation in speed, chisel size and chisel spacing are available on request.

AVOID REINFESTATION OF TREATED SOIL - Do not use transplants, soil or crop residue that may be contaminated with soil borne pests or nematodes.

PRECAUTIONS - Under certain conditions growing a variety may be experienced with Conifers, Delphinium, Holly, Multiflora, Roses, Salvia and Snap Dragons. **DO NOT USE ON CARNATIONS.**

ADEQUATE SOIL AERATION IS IMPORTANT - If there is a question use on a small plot to determine safety. **READ ENTIRE LABEL BEFORE MAKING APPLICATION.**

Care must be exercised by the user to prevent spillage of the fumigant on skin, clothing or shoes. If such spillage should occur, especially on clothing or shoes, such clothing or shoes should be immediately removed. Wash clothing and air shoes thoroughly before re-use. Repeated contact with the bare skin should be avoided and skin should be washed when wet with the fumigant. In case of contact with eyes, flush with plenty of water for at least 15 minutes.

DO NOT USE CONTAINER OR APPLICATOR EQUIPMENT WITH ALUMINUM PARTS. DO NOT RE-USE EMPTY CONTAINER. Destroy by perforating or crushing and burying in safe place.

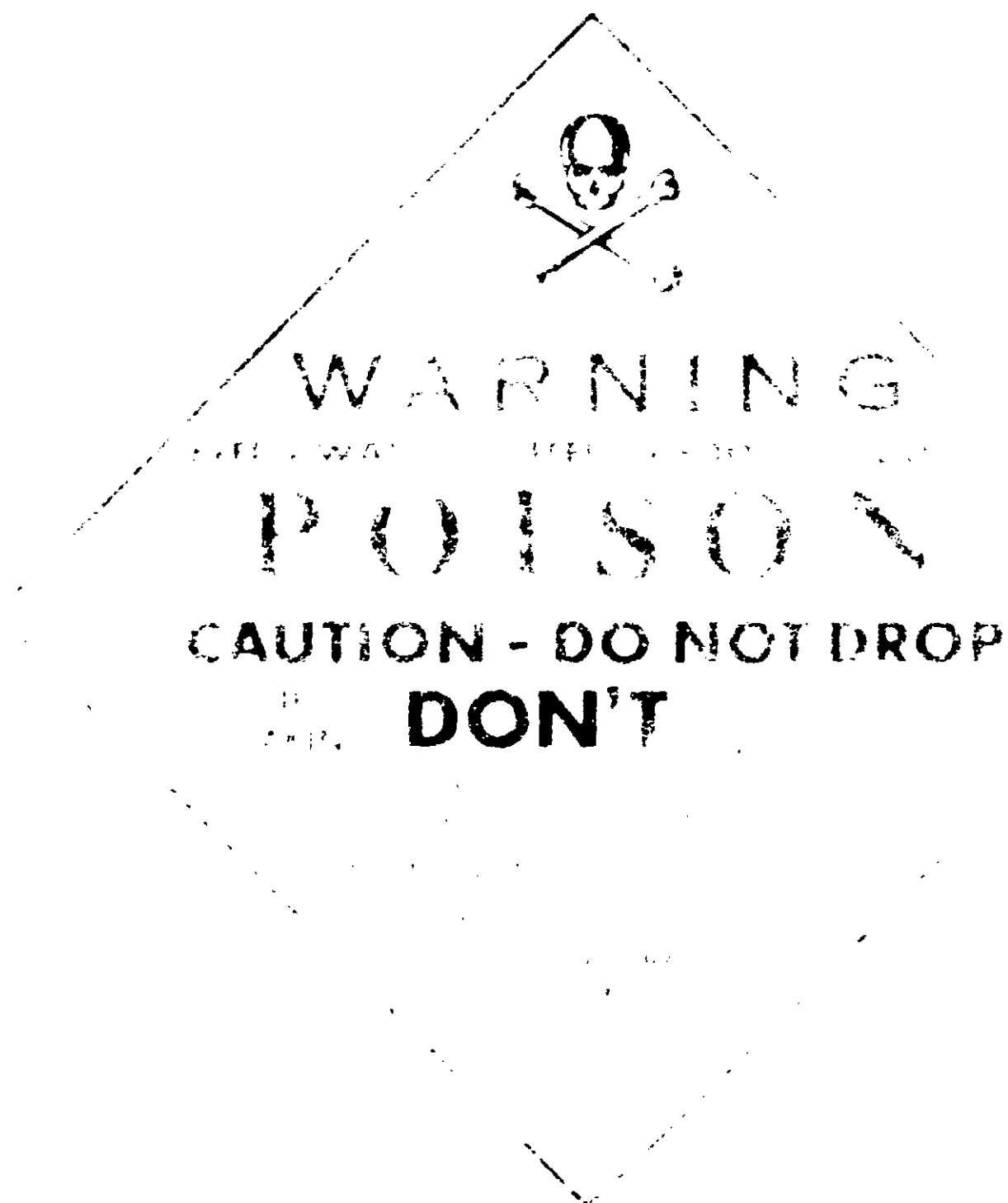
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The purchaser is licensed under U. S. Patent No. 2,606,857 and the price paid includes the license fee. Also U. S. Patent No. 3,337,379.

CANTRIX™ registered trademark U. S. Patent Office 889,714



DANGER



KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENTS

Methyl Bromide

67.00%

Chloropicrin

31.75%

INERT INGREDIENT

1.25%

POISON



NET CONTENTS 3.25 GAL. (416 FL.OZ.)

MADE IN U.S.A.

ONE GALLON WEIGHS 14.2 LBS.

PRINTED IN U.S.A.

Mfg. for WSR INCORPORATED, PETERSBURG, VIRGINIA 23803 U.S.A.

TG-67 Soil Fumigant

U.S. PAT. 2,985,733

THE FUMIGANT COMPANY
NEW YORK, N. Y.

For use on soil in the control of nematodes, insects, and other soil-borne pests. It is also effective against weeds and grasses. It is a highly volatile liquid which evaporates rapidly and is broken down by sunlight and air. It is not harmful to plants and animals.

DIRECTIONS

GENERAL APPLICATION

NET CONTENTS

NOT FOR USE OR STORAGE IN OR AROUND THE HOME

For use on soil in the control of nematodes, insects, and other soil-borne pests. It is also effective against weeds and grasses. It is a highly volatile liquid which evaporates rapidly and is broken down by sunlight and air. It is not harmful to plants and animals.

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