

30-20" FUMIGANT

30-20" GRAIN FUMIGANT WITH CONTROL OF INSECTS INFESTING SEEDS (for future planting use) IN FARM BINS, GRANARIES, ELEVATOR BINS, RAILROAD CARS, AND DRUMS. (barley, corn, oats, rice, rye, wheat)

Keep Out of Reach of Children

When entering or working in enclosed spaces, wear a black canister as approved for protection from organic vapors. Avoid contact with skin. If inhaled, move victim to fresh air. Internal, if conscious induce vomiting and repeat until vomit fluid is clear.

Keep out of place out of sunlight.

STAUFFER CHEMICAL COMPANY

APPLICATION

- Application should be made only by experienced personnel wearing approved safety equipment.
- Always wear a snug-fitting gas mask, equipped with a canister specific for the fumigant used. Keep record of time canister is in use. Canisters provide protection for only a specified period. When exhausted, protection stops.
- Work in pairs; never fumigate alone. The stand-by safety man should always remain outside fumigated area and enter only to give assistance in emergencies.

FARM BIN PREPARATION: Before treating, the surface of the grain should be leveled off to an even depth. Grain level should not be higher than 6 inches from top of bin. In heavily infested bins a damp, moldy layer may extend from an inch to several feet below the surface. This layer should be broken up in advance of fumigation. If layer is sprouting and very solid it should be removed before the surface is stirred. If grain is heating badly it should be moved and aerated before treating.

FARM BIN APPLICATION: Do not enter large or poorly ventilated bins to apply treatment. While it is fairly common practice on farms to treat small, well ventilated bins with fumigant while walking over surface of grain, this can be a very hazardous practice in large or poorly ventilated bins. To be safe, therefore, treat bins only from outside. If a pressure applicator is needed to reach all parts of the bins remove spray nozzle and project solid stream of liquid fumigant over entire surface of grain.

(Continued next panel)

APPLICATION (Concluded)

ELEVATOR BIN APPLICATION: Do not enter bin to pour fumigant. Preferably, pour fumigant in grain stream at opening of receiving bin. Apply fractionally to each 1000 bushels. Allow about a foot of bin space to fill while applying each portion. Bottom and top 1000 bushels should receive a double dosage.

RAILROAD CAR APPLICATION: Use pressure applicator to reach entire surface of grain from door of car with solid stream of fumigant. Apportion dosage according to depth of grain. Fumigant may also be applied with sprinkling cans, sprinkling nozzles removed, by two men working from opposite ends of the car toward the open door. Fumigant should be poured rapidly to avoid fumes and apportioned according to depth of grain. Car should be sealed for 24 hours, preferably longer, after treatment.

EMPTY DRUM: DRAIN AND ALLOW VENTING FOR SEVERAL DAYS TO PERMIT VOLATILIZATION OF RESIDUAL CONTENTS. THIS PROCEDURE SHOULD BE DONE IN A FENCED, LOCKED ENCLOSURE, TO PREVENT ACCESS BY UNAUTHORIZED PERSONS AND TO PROTECT CHILDREN. DO NOT RE-USE FOR FILLING WITH ANY OTHER PRODUCTS OR COMMODITIES.

LOT NO. _____

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

RECOMMENDATIONS

TRIFUME "A" GRAIN FUMIGANT is formulated for the control of insects, in bulk-stored seeds (for future planting only) and grains (barley, corn, oats, rice, rye, sorghum [milo], wheat) including the following:

Angoumois Grain Moth
Cadelle
Confused Flour Beetle
Flat Grain Beetle
Foreign Grain Beetle
Granary Weevil

Hairy Fungus Beetle
Indian Meal Moth
Lesser Grain Borer
Red Flour Beetle
Rice Weevil
Saw-Toothed Grain Beetle

Fumigate during mild weather for best results. A grain temperature of 65° to 75° F. is near optimum.

DOSAGE RATES:

FOR SMALL SEEDS & GRAINS (BARLEY, OATS, RICE, WHEAT)

FARM STORAGE BINS: Apply fumigant at the rate of 2-3 gallons per 1000 bushels (1250 cubic feet) of grain depending on tightness of bin. Seal crevices with heavy paper and paste before treating.

SMALL EVER-NORMAL GRANARY BINS: Apply 3 to 4 gallons of fumigant per 1000 bushels. Bins should be treated fractionally.

LARGE EVER-NORMAL GRANARY BINS AND COUNTRY ELEVATORS: Apply 2 gallons of fumigant per 1000 bushels. Bins containing over 5000 bushels should be treated fractionally.

CONCRETE AND STEEL TERMINAL ELEVATORS: Hoppers should be tight; stuff with burlap or sack cloth, if necessary. Apply 2 gallons of fumigant per 1000 bushels at every 1000 bushel level. Bottom and top 1000 bushels should receive a double dosage.

FLAT STORAGE: Apply 2-3 gallons of fumigant per 1000 bushels of grain.

RAILROAD CARS: Apply 3-4 gallons of fumigant per car depending on tightness and size of car.

DOSAGE FOR LARGE SEEDS & GRAINS (CORN, GRAIN SORGHUM [milo]): Apply 4 gallons per 1000 bushels for bin storage. Apply 5 gallons per 1000 bushels for elevator and metal bin storage.

IMPORTANT: If possible, leave grain undisturbed for a minimum period of 72 hours after treating. Treated bins should not be entered without an approved gas mask and treated grains should not be used for food or feed purposes until fumigant vapors have completely dissipated or have been removed by thorough aeration.

Consult State Agricultural Experiment Stations or the State Agricultural Extension Service for additional information as the timing, number and rate of applications needed will vary with local conditions.



In respect to fire hazard, Stauffer TRIFUME "A" Grain Fumigant is rated by Underwriters' Laboratories, Inc., 1 to 5 in a class less hazardous than paraffin oil.

S-SF-680319-Natl.

USDA Reg. No. 476-1543

Made in U.S.A.

Stauffer Chemical Company, New York



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ACTIVE INGREDIENTS:
Carbon Tetrachloride
Carbon Disulfide
Ethylene Dibromide



POISON DANGER

**HAZARDOUS VAPOR AND LIQUID
MAY BE FATAL IF INHALED**

Use only with adequate ventilation containing vapor of this product of Mines for protection against
EMERGENCY TREATMENT — C
Keep warm. If breathing stops,
tablespoon of salt in a glass of

HIGHLY VOLATILE.

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s than paraffin oil.

No. 476-1543

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TRIFUME[®] "A"

GRAIN FUMIGANT

ACTIVE INGREDIENTS:

Carbon Tetrachloride	Wt. 81.1%	Vol. 80.0%
Carbon Disulfide	12.0	15.0
Ethylene Dibromide	6.9	5.0
	<u>100.0%</u>	<u>100.0%</u>

FIRE-SAFE "80-15-5" GRAIN FUMIGANT FOR CONTROL OF INSECTS INFESTING BULK STORED SEEDS (for future planting use only), & GRAINS (barley corn, oats, rice, rye, sorghum [milo], wheat) IN FARM BINS, GRANARIES & ELEVATORS.



**POISON
DANGER**

**HAZARDOUS VAPOR AND LIQUID.
MAY BE FATAL IF INHALED OR SWALLOWED.**

Keep Out of Reach of Children

Use only with adequate ventilation. Do not breathe vapor. When entering or working in enclosed space containing vapor of this product wear a gas mask with a black canister as approved by the U.S. Bureau of Mines for protection against the inhalation of organic vapors. Avoid contact with skin, eyes, clothing.
EMERGENCY TREATMENT — CALL A PHYSICIAN IMMEDIATELY — If inhaled, move victim to fresh air, keep warm. If breathing stops, give artificial respiration. Internal, if conscious induce vomiting by giving a tablespoon of salt in a glass of water and repeat until vomit fluid is clear.

HIGHLY VOLATILE. Keep container closed. Store in a cool place out of sunlight.

STAUFFER CHEMICAL COMPANY

NEW YORK

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APPLICATION

- Application should be made only by wearing approved safety equipment
- Always wear a snug-fitting gas mask with a canister specific for the fumigant. The canister is in use. Canisters are good only a specified period. When exhausted, replace.
- Work in pairs; never fumigate alone. One man should always remain outside the bin. Enter only to give assistance in emergency.

FARM BIN PREPARATION: Before treating the grain should be leveled off to an even surface. The height should not be higher than 6 inches from the surface. In infested bins a damp, moldy layer may form. This should be removed to several feet below the surface. This should be done up in advance of fumigation. If layer is too thick or solid it should be removed before the fumigation. If grain is heating badly it should be moved to another bin for treating.

FARM BIN APPLICATION: Do not enter infested bins to apply treatment. While fumigating practice on farms to treat small bins. Fumigating with fumigant while walking over surface of grain is a very hazardous practice in large bins. To be safe, therefore, treat bins with a pressure applicator. Remove spray nozzle and project solid stream of fumigant over entire surface of grain.