

RECOMMENDATIONS

F.I.A. "80-20" GRAIN FUMIGANT WITH SO₂ is formulated for the control of insects, in bulk-stored, seeds (for future planting use only) and grains (barley, corn, oats, rice, rye, sorghum [milo], wheat), including the following:

Angoumois Grain Moth	Hairy Fungus Beetle
Cadelle	Indian Meal Moth
Confused Flour Beetle	Lesser Grain Borer
Flat Grain Beetle	Red Flour Beetle
Foreign Grain Beetle	Rice Weevil
Granary 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 GRAINS (BARLEY, OATS, RICE, RYE, WHEAT) AND SMALL SEEDS.

FARM STORAGE BINS: Apply fumigant at the rate of 3 to 5 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. Deep bins should be treated fractionally.

LARGE EVER-NORMAL GRANARY BINS AND COUNTRY ELEVATORS: Apply 2 to 3 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 sacking before treating, if necessary. Apply 2 to 3 gallons of fumigant per 1000 bushels at every 1000 bushel level. Bottom and top 1000 bushels should receive a double dosage.

RAILROAD CARS: Apply 4 to 6 gallons of fumigant per car depending on tightness and size of car.

DOSAGE FOR LARGE SEEDS & GRAINS (CORN, GRAIN SORGHUM [milo]): Apply 7½ gallons per 1000 bushels for wooden 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 F.I.A. "80-20" Grain Fumigant With SO₂ is rated by Underwriters' Laboratories, Inc. 1 to 5 in a class less hazardous than paraffin oil, according to schedule in which



Ether is rated	100
Gasoline	90-100
Alcohol (ethyl)	70-70
Kerosene	30-40
Paraffin Oil	10-20

S-SF-680229-NATL.

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Made in U.S.A.

Stauffer Chemical Company, New York

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 hours after treating. Treated bins
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 should not be used for food or feed pur-
 poses until the gas has completely dissipated
 by thorough aeration.

Experiment Stations or the State
 Service for additional information as
 the type of applications needed will vary

Stauffer F.I.A. "80-20" Grain Fumi-
 gant Underwriters' Laboratories, Inc.,
 is more hazardous than paraffin oil, according

ated 100
 90-100
 (ethyl) 60-70
 30-40
 oil 10-20

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F.I.A.* "80-20"

*(Flame Inhibitor Added)

GRAIN FUMIGANT WITH SO₂

ACTIVE INGREDIENTS:	Wt.	Vol.
Carbon Tetrachloride	82.2%	78.2%
Carbon Disulfide	16.3%	19.5%
Petroleum Ether	0.5%	1.2%
Sulfur Dioxide	1.0%	1.1%
	100.0%	100.0%

FIRE-SAFE "80-20" GRAIN FUMIGANT WITH SO₂ 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**

Keep Out of Reach of Children

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

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 warm 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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