

1015-51

9/8/1972

Page

134

NET CONTENTS (8) U. S. GALLONS AT 68°F.

Douglas

"88" IMPROVED

EPA REG. NO. 1015-51

FARM BIN SPRAY

RESIDUAL INSECTICIDE WITH KNOCKDOWN POWER
Quick • Long Lasting • Economical

FOR USE IN—Empty Grain Bins Before Filling—Outside Grain Bins Before and After Filling—Mills, Elevators, Flat Storage, Warehouses, Feed Stores, Seed Stores.

FIRE RATING

In respect to fire hazard "88" Improved Farm Bin Spray is rated by Underwriters' Laboratories, Inc., 20-25, in a class between paraffin oil and kerosene, according to schedule in which

Ether is rated.....100 Kerosene30-40
Alcohol (ethyl)60-70 Paraffin oil10-20

ACTIVE INGREDIENTS 100%

Petroleum Distillate87.15%
Methylated Naphthalene Solvent--- 7.50%
Technical Methoxychlor*----- 3.75%
Malathion**----- 1.60%
(By Weight)----- 100.00%

* Equivalent to 3.30% of 2,2-bis(p-methoxyphenyl)-1,1,1-trichloroethane & 0.45% other isomers and related compounds.

**0-0 Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate.

STORE INSIDE IN DRY PLACE

WARNING KEEP OUT OF REACH OF CHILDREN

FOR EXTERNAL USE ONLY—AVOID BREATHING MIST AND CONTACT WITH SKIN.
COMBUSTIBLE MIXTURE — DO NOT SPRAY NEAR OR INTO OPEN FLAME.

ANTIDOTE: (INTERNAL) CALL PHYSICIAN IMMEDIATELY. SEE SIDE PANEL.

Douglas Chemical Company



LIBERTY

MISSOURI



FARM BIN SPRAY

CONTACT SPRAY FOR FLIES

DOUGLAS "88" IMPROVED FARM BIN SPRAY may be used as a contact spray for house flies, stable flies and fleas in farm buildings, barns, dairy barns, animal pens and on dumps and other outdoor locations. Spray DOUGLAS "88" IMPROVED FARM BIN SPRAY at the rate of one (1) gallon per 750 square feet of surface area. Spray on interior and exterior surfaces, particularly those areas where flies crawl or rest and congregate. Repeat applications as infestations warrant.

CAUTION Do not contaminate milk or milk utensils, feed or feed troughs, water or watering receptacles. Remove dairy cows and animals while treating barns.

Do not use this product on materials susceptible to damage by oils.

WARNING

Avoid inhaling mist from spray. Repeated or prolonged contact with skin can cause toxic symptoms. In case of spillage, wash with soap and water. HARMFUL IF SWALLOWED. This product contains Methoxychlor and is not to be applied directly to feed or foodstuffs, or to animals or humans. Do not spray into or near open flame. ANTIDOTE: (Internal) Do Not Induce Vomiting: CALL PHYSICIAN IMMEDIATELY

NOTICE

Neither Manufacturer nor Seller makes any representation or warranty, expressed or implied, concerning this product except as stated on the label. Neither shall be held responsible in any manner for any personal injury or property damage, resulting from failure to follow directions for use and necessary warnings or cautions for the protection of the user, as provided on this label.

Kills on contact the accessible stages of insects such as the cadelle beetle, confused flour beetle, flat grain beetle, foreign grain beetle, granary weevil, hairy fungus beetle, lesser grain borer, long-headed flour beetle, red flour beetle, rice weevil, saw-toothed grain beetle, Angoumois grain moth, Indian-meal moth.

WHEN AND WHERE TO USE DOUGLAS "88" IMPROVED FARM BIN SPRAY

1. Spray interior of grain bins only when empty. Clean bins thoroughly and repeat application each time grain is removed.
2. Spray exterior and perimeter of bins periodically with DOUGLAS "88" IMPROVED FARM BIN SPRAY to help prevent migratory infestations.
3. Before fumigating full bins, spray DOUGLAS "88" IMPROVED FARM BIN SPRAY on exterior of bins, ten (10) feet up and ten (10) feet out from bin wall after cutting and removing high grass or weeds. This will prevent migrating insects from entering bins and also prevent grain insects from escaping and returning after fumigant gases have dissipated.
4. In warehouses, feed stores, seed stores, etc., DOUGLAS "88" IMPROVED FARM BIN SPRAY provides economical sanitation due to its longlasting effectiveness. Spray only exposed walls, ceilings and floor areas. Do not spray on feed sacks, exposed grain or foodstuffs.
5. In elevators, DOUGLAS "88" IMPROVED FARM BIN SPRAY is recommended for use in tunnels, driveways, head houses and basements. Periodical applications will kill exposed insects and the residual effect of the spray will furnish some protection against crawling insects.

294

374



FARM BIN SPRAY

Do Not Spray DOUGLAS "88" IMPROVED FARM BIN SPRAY On Exposed Grain, Foodstuffs Or Food Of Any Kind.

Allow Surfaces To Dry Before Introducing Grain, Sacked Grain Or Feed.

CAUTION

Avoid inhaling mist from spray. Avoid contact with skin. In case of spillage, wash with soap and water. Harmful if swallowed. Keep out of reach of children. If swallowed, Do Not Induce Vomiting. Call A Physician.

"This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label."

DIRECTIONS

DOUGLAS "88" IMPROVED FARM BIN SPRAY is designed for surface treatments in empty bins. Best results will be obtained if used as a coarse spray to wet walls, ceilings, floors and area surrounding farm bins. The residue of DOUGLAS "88" IMPROVED FARM BIN SPRAY kills grain and stored product insects that come in contact with treated surfaces. The residue remains effective several weeks on outside to several months on inside, depending on exposure to sunlight and other weathering influences. DOUGLAS "88" IMPROVED FARM BIN SPRAY will minimize chances of grain infestation if used properly. The following procedure has proven extremely effective.

1. Clean the bins thoroughly, especially corners, cracks, and crevices where grain and dust accumulate.
2. Clean the ground outside the bins, remove any grain or other debris that might provide breeding conditions for insects.
3. Spray the entire inner and outer surfaces of the bins, taking care to wet thoroughly all areas where insects might breed. Apply at rate of one (1) gallon per 750 square feet or to the point of run-off.
4. Spray the ground around the outside of the bins to ten (10) feet from the walls.

A coarse spray applied under medium pressures will wet and penetrate wooden surfaces enough to leave an effective residue. After spraying inside the bins allow at least 24 hours for the spray to dry. Bins must be thoroughly dry before filling with grain. Check the bin walls and floors to make sure spray has dried before filling with grain. Spray the outside of the bins once every four (4) to five (5) weeks until three (3) applications have been made. Then spray outside of bins every three (3) months. One (1) gallon of DOUGLAS "88" IMPROVED FARM BIN SPRAY per 750 square feet is the proper dosage. This procedure should provide insect-free bins in which to store grain.

In the event the grain is already infested when placed in the bins, fumigate with Douglas "TETRAKIL" Grain Fumigant. Insects attempting to crawl out of the fumigated grain and contacting sprayed bin surfaces should be killed by the residue. DOUGLAS "88" IMPROVED FARM BIN SPRAY provides an effective toxic residue against most insects found in stored grain and food products.

ACCEPTED
SEP 8 1972
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PESTS REGISTERED
ED UNDER NO. 1015-57 SUBJECT
30 ATTACHED COMMENTS.

1015-57

