



ACCEPTED
with COMMENTS
EPA REG. NO. 100-100000

HELENA CHEMICAL COMPANY

JUN 21 1972

CORPORATE OFFICE

100-100000
6/21/72

100-100000
6/21/72

RESTRICTED USE PESTICIDE
FOR RETAIL SALE AND USE ONLY BY CERTIFIED APPLICATORS AND PERSONS UNDER
THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED
APPLICATOR'S CERTIFICATION.

HELENA
PARATHION 3 LB
An Emulsifiable Liquid

ACTIVE INGREDIENTS:	BY WT
*O,O-dimethyl (p-nitrophenyl) phosphorothioate.....	35.14%
Related compounds.....	1.30%
Xylene Range Aromatic Hydrocarbon Solvent.....	59.62%
INERT INGREDIENTS.....	3.94%
TOTAL.....	100.00%

This product contains 3 pounds Ethyl Parathion per gallon.
*Ethyl Parathion

KEEP OUT OF REACH OF CHILDREN
POISON
DO NOT TAKE FROM THE CONTAINER
FEDERAL PESTICIDE ACT

EPA REG. NO.

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HELENA CHEMICAL COMPANY
100-100000

PRECAUTIONARY STATEMENTS
 KEEP AWAY FROM CHILDREN AND DOMESTIC ANIMALS

052201-1 - 10013000

Poisonous if swallowed, inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin, or on clothing.

STATEMENT OF PRACTICAL TREATMENT

POISONING, 242003

Parathion is a very dangerous poison. It rapidly enters the body by contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Injured persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: headache, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling, protruding of mouth and nose, muscle spasms, and coma.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

IF IN DUAL: Please pay with water for at least 1 minute of full attention.

IF ON SPIN: Wash with soap and water immediately. Do not remove stained clothing and do not dry or clean it separately.

Call a "strongly regular" graph, if it is a regular graph and the first two eigenvalues of the adjacency matrix are integers.

[illegible][illegible]

1. The first of these is the fact that the United States has a long and distinguished record of leadership in the field of human rights. This record is reflected in the many treaties and conventions to which the United States has adhered, and in the many efforts it has made to promote human rights around the world.

2. The second of these is the fact that the United States has a strong and vibrant democratic system. This system is based on the principles of freedom, equality, and justice for all. It is this system that has allowed the United States to become one of the most powerful and influential nations in the world.

3. The third of these is the fact that the United States has a strong and vibrant economy. This economy is based on the principles of free enterprise and competition. It is this economy that has allowed the United States to become one of the most prosperous and powerful nations in the world.

4. The fourth of these is the fact that the United States has a strong and vibrant culture. This culture is based on the principles of freedom, equality, and justice for all. It is this culture that has allowed the United States to become one of the most influential and powerful nations in the world.

5. The fifth of these is the fact that the United States has a strong and vibrant military. This military is based on the principles of freedom, equality, and justice for all. It is this military that has allowed the United States to become one of the most powerful and influential nations in the world.

VERY TOXIC. REENTRY OF THE PEST IS INDICATED FOR AT LEAST 48 HOURS. Treat symptomatically.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated area may be killed. Do not apply directly to lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply this product or allow it to drift to crops or weeds on which bees are actively foraging. Additional information may be obtained from your Cooperative Extension Service.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Workers enter or treated field within 48 hours must wear protective clothing.

KEEP OUT OF REACH OF CHILDREN

Consult your state agricultural experiment station for additional information concerning this product.

DO NOT APPLY TO CROPS OR WEEDS IN BLOSSOM. DO NOT APPLY TO CROPS OR WEEDS IN BLOSSOM. DO NOT APPLY TO CROPS OR WEEDS IN BLOSSOM. DO NOT APPLY TO CROPS OR WEEDS IN BLOSSOM. DO NOT APPLY TO CROPS OR WEEDS IN BLOSSOM.

Do not use on or near water, fish, birds, or other wildlife. Do not use on or near water, fish, birds, or other wildlife. Do not use on or near water, fish, birds, or other wildlife. Do not use on or near water, fish, birds, or other wildlife. Do not use on or near water, fish, birds, or other wildlife.

WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Instructions section) and if a doctor cannot come, take victim to clinic or hospital.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

AFTER WORK, take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned after filter replaced according to instructions included with respirator.

STORAGE AND DISPOSAL

Do not use or store in or around the home. Do not contaminate water, food or feed by storage or disposal. Open burning is prohibited.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or appropriate state regulations. Do not dump on the ground. Consult the Department of Conservation and Forestry for details.

Container Disposal: To prevent fire (or explosion), then either for recycling, or reconditioning or packing for reuse, or by other approved method, or by other approved method, or by other approved method, or by other approved method, or by other approved method.

RECOMMENDATIONS

Application should be made only by experienced personnel using approved protection equipment.

SWEET CORN

CORNEARWORM - Use at the rate of one quart in 100 gallons of water per acre. Make the applications when the ears first appear and repeat applications at two to three day intervals.

Do not apply within 12 days of harvest.

Do not feed the treated forage to dairy animals or to animals being finished for slaughter.

WARRANTY AND LIMITATION OF REMEDY: The user of this product warrants that the material is as described on the label and is fit for the purpose intended. It is the user's responsibility to read the label and conditions of use. The user agrees to hold harmless the manufacturer, the user, and the user's agent, from and against all claims, damages, losses, and expenses, including attorneys' fees, arising out of the use of this product, whether or not such claims, damages, losses, and expenses are caused in whole or in part by the negligence of the manufacturer, the user, or the user's agent. This warranty is limited to the user's use of the product in accordance with the label. The user agrees to hold harmless the manufacturer, the user, and the user's agent, from and against all claims, damages, losses, and expenses, including attorneys' fees, arising out of the use of this product, whether or not such claims, damages, losses, and expenses are caused in whole or in part by the negligence of the manufacturer, the user, or the user's agent.

John G. ... Co.,
9100 Poplar, Suite 3200
Baltimore, MD 21207

Attention: Mr. Worlium

Subject:

John G. ... Co.,
EPA Registration No. 5901-337
Date of Application: April 11, 1978

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is hereby accepted. A stamped copy is enclosed for your records.

This label is to be used on all containers of this product and printed clearly on this product.

Should you (1) change the name of the product or (2) change the label for the product, you must file a new application for registration.

Sincerely,
[Signature]

BEST DOCUMENT AVAILABLE

Jay S. Silberberger
Product Manager (12)
Insecticide-Fungicide-Rodenticide
Registration Division (7-767)

Enclosure

John G. ... Co.
9100 Poplar, Suite 3200
Baltimore, MD 21207
EPA REGISTRATION NO. 5901-337
DATE OF APPLICATION: APRIL 11, 1978

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71	72	73	74	75	76	77	78	79	80
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91	92	93	94	95	96	97	98	99	100

EPA REGISTRATION NO. 5901-337
DATE OF APPLICATION: APRIL 11, 1978

OFFICIAL FILE COPY

RECOMMENDATIONS

Application should be made only by experienced personnel using approved protection equipment.

SWEET COTON

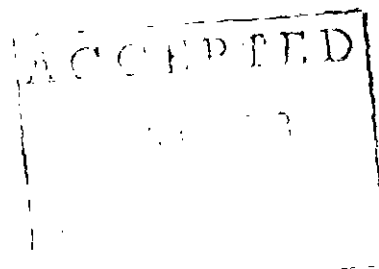
CORNEARWORM - Use at the rate of one quart in 100 gallons of water per acre. Make the applications when the worms first appear and repeat applications at two to three day intervals.

Do not apply within 12 days of harvest.

Do not feed the treated forage to any animal which is likely to be fed for 30 days.

WARNING

Do not get in eyes, on skin, or on clothing. Do not breathe dust or spray. If dust or spray is inhaled, stop work, go to fresh air, and breathe deeply. If on skin, wash immediately with soap and water. Wash clothing immediately with soap and water. Do not eat, drink, or smoke while working. Do not get in eyes, on skin, or on clothing. Do not breathe dust or spray. If dust or spray is inhaled, stop work, go to fresh air, and breathe deeply. If on skin, wash immediately with soap and water. Wash clothing immediately with soap and water. Do not eat, drink, or smoke while working. Do not get in eyes, on skin, or on clothing. Do not breathe dust or spray. If dust or spray is inhaled, stop work, go to fresh air, and breathe deeply. If on skin, wash immediately with soap and water. Wash clothing immediately with soap and water. Do not eat, drink, or smoke while working.



FIRST AID TREATMENT

IF SWALLOWED - Do not induce vomiting. Drink plenty of water. If necessary, give 1-2 glasses of water. **IF INHALED** - Stop work, go to fresh air, and breathe deeply. **IF ON SKIN** - Wash immediately with soap and water. **IF IN EYES** - Flush with water for at least 15 minutes. **IF ON CLOTHING** - Wash immediately with soap and water. **IF ON FUR** - Wash immediately with soap and water. **IF ON FEED** - Do not feed the treated forage to any animal which is likely to be fed for 30 days.

RESTRICTED USE PESTICIDE

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THE CLOSEST SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE APPLICATOR'S CERTIFICATION.

STOP READ LABEL BEFORE USING

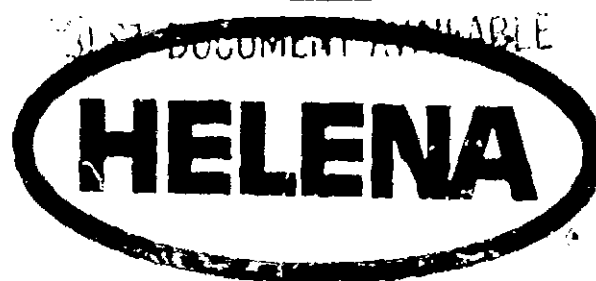
POISON

See Side Panels
for Antidote &
Precautions



DANGER

Keep Out of
Reach of
Children



P T - 3 5

AN EMULSIFIABLE LIQUID

1.5% active ingredient in 100% water. 1.5% active ingredient in 100% water.

WARNING: POISONOUS IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.

ANTIDOTE: Atropine is the specific antidote. Keep on hand an emergency supply of atropine 1-100 grain tablets.

SEE SIDE PANEL FOR ADDITIONAL REQUIRED WARNING STATEMENTS

ACTIVE INGREDIENTS

1.5% active ingredient in 100% water	1.5%
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HELENA CHEMICAL COMPANY, INC., 675 N. 1ST ST., MEMPHIS, TENN. 38102



DO NOT reuse container less than 18 inches deep.

GLASS CONTAINER - In isolated location or

METAL CONTAINER - add 1 tablespoonful of surfaces with the solution away from water and bury deeply in a

5-GALLON, 30-GALLON - into empty containers

5-Gal. Drums - 2 qts. of detergent

30-Gal. Drums - 3 gal. of detergent

55-Gal. Drum - 5 gal. of detergent

Rotate container carefully. Rinse solution at least 1

CAUTION: Handle carefully. Do not get in eyes, on skin, or on clothing. Punch holes in top and bottom of container.

IF THE A

Punch holes in TOP of container. Completely burned off containers are complete. Do not attempt

Aircraft application. Use per our consent with

sticker is not to be used. Do not use in areas where there is a possibility of fire. Do not use in areas where there is a possibility of fire.

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RESTRICTED USE PESTICIDE

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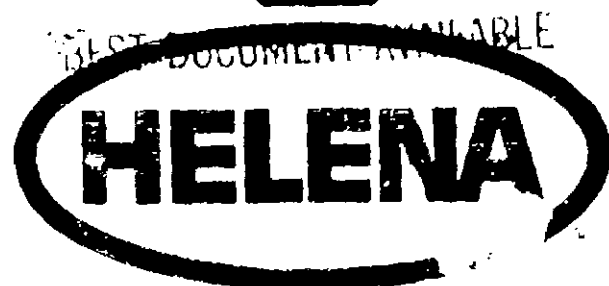
POISON

See Side Panels
for Antidote &
Precautions



DANGER

Keep Out of
Reach of
Children



PT - 35

AN EMULSIFIABLE LIQUID

Contains 5 pounds Dithionite and 3 pounds Parathion per gallon.

WARNING: POISONOUS IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.

Rapidly absorbed through skin. Do not get in eyes, on skin, or on clothing.

ANTIDOTE: Atropine is the specific antidote. Keep on hand an emergency supply of atropine 1-100 grain tablets.

SEE SIDE PANEL FOR ADDITIONAL REQUIRED WARNING STATEMENTS

ACTIVE INGREDIENTS

50% Dithionite (Sodium Dimethyldithiocarbamate) 25.00%
80% Parathion 25.00%
Xylenol (Inert Solvent) 50.00%

25.00%
25.00%
25.00%

Manufactured by Helena Chemical Company, Memphis, Tennessee

**MANUFACTURED BY
HELENA CHEMICAL COMPANY**

MEMPHIS, TENNESSEE

FOR ALL EMPTY CONTAINERS

DONOT re-use container. Completely empty contents and bury unused chemical at least 18 inches deep in an isolated location away from water supplies.

GLASS CONTAINERS — Break container and bury pieces at least 18 inches deep in isolated location away from water supplies.

METAL CONTAINERS: 1 Gallon Cans — Pour 1 pt. of water into empty can and add 1 tablespoonful household detergent. Rotate can carefully to wet all inner surfaces with the solution. Bury rinse solution at least 18 inches deep in an isolated location away from water supplies. Punch holes in top and bottom of can, crush can and bury deeply in an isolated location.

5-GALLON, 30-GALLON and 55-GALLON DRUMS — Pour the following mixture into empty containers:

5-Gal. Drums — 2 qts. water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

30-Gal. Drums — 3 gallons water, 1 lb. caustic soda (household lye), 1/2 cup detergent.

55-Gal. Drum — 5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container carefully until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

CAUTION: Handle caustic soda (household lye) with extreme care. Do not get on skin, in eyes, or on clothing. Read and carefully follow the precautions on package. Pour lye into top and bottom of container, crush container, bury deeply, and seal drum.

IF THE ABOVE RINSE METHOD CANNOT BE USED

Punch holes in top of container and burn in hot fire until all paint has been completely burned off container. Extreme care should be exercised to insure that containers are completely empty and that persons stay well away from smoke and fumes. Do not attempt to burn more than 5 containers at one time.

DIRECTIONS FOR USE

Aerial application — Use 1 quart of PT-35 in a minimum of 3 to 10 gallons of water per acre consistent with crop growth and good coverage.

USE ONLY AS RECOMMENDED

EPA REG. NO. 59573-05

METHYL PARATHION MIXTURE LIQUID

NOTICE

Producers, processors, and distributors of this pesticide are hereby notified that it is a restricted use pesticide and that it is not to be sold or distributed to anyone other than a certified applicator or a person under the direct supervision of a certified applicator. It is the responsibility of the producer, processor, or distributor to ensure that the pesticide is not sold or distributed to anyone other than a certified applicator or a person under the direct supervision of a certified applicator.

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GALLONS