

Mr. Arthur T. Bass, III
Southern Agricultural Chemicals, Inc.
P.O. Box 527
Kingstree, SC 29556

10⁸ 5
PM 12
3743-335

Dear Mr. Bass:

Subject: Toxaphene Cancellation Notice
Product Name: Royal Brand Boll Maker
EPA Registration No. 3743-335
Your Submission Dated February 8, 1983

3/18/83

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

Please make the labeling changes listed below before you release the product for shipment.

1. The Statement of Practical Treatment must appear on the front panel of the labeling and in the following format:

If swallowed: _____
If inhaled: _____
If in eyes: _____
If on skin: _____

2. After the Directions for Use Statement add "It is a violation of Federal law to use this product in a manner inconsistent with its labeling."
3. The headings "Precautionary Statements," followed by "Hazards to Humans and Domestic Animals," "Environmental Hazards," "Physical and Chemical Hazards" must appear on the label followed by the appropriate wording. Refer to 40 CFR 162.
4. Delete the emesis statement directing the accident victim to drink warm salty water. Use the following:

If swallowed - Call a physician or Poison Control Center. 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.

BEST AVAILABLE COPY

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

- 5. In the re-entry section of your label add "Workers entering treated fields within 48 hours must wear protective clothing."
- 6. Revise your container disposal to read:

HAZARDOUS WASTE

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

- 7. Delete directions specific to application rates and timing because these will be provided by labeling for an emergency exemption finding.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

TS-767:J.ELLENBERGER:DCR-28946:WANG-3066C:tar:Raven:479-2013:3/14/83

BEST AVAILABLE COPY

3743-735, PM-12

RESTRICTED USE PESTICIDE
To be used only by Certified Applicators or persons
qualified by the state, or only for those uses covered by the

READ HEAD LABEL BEFORE USING!

POISON
See Side Panels
for Antidote &
Precautions



DANGER
Keep Out of
Reach of
Children

Royal Brand Boll Maker
Contains 3 lbs. Parathion 50% 2 lbs. Methyl Parathion 3 lb. Methyl Parathion Per Gallon

Parathion 50%	46.49%
Methyl Parathion	18.60%
Other Ingredients	34.91%
Total Weight	100.00%

FOR USE

Apply to cotton plants from 10 to 20 inches high. Do not apply to plants less than 10 inches high. Do not apply to plants more than 20 inches high. For best control, use ground equipment apply recommended amount of insecticide in 3 to 7 gallons of water per acre on cotton. **ARMY WORMS + GRASSHOPPERS**

COTTON: For control of **ARMY WORMS + GRASSHOPPERS** use 2 to 3 pints per acre.

Workers entering fields within 24 hours after application should wear protective clothing.

For **WATER** applications, plugging must be by fully automated mechanical means or by manual working in totally enclosed vehicles.

NOT FOR HOME USE

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

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 Treatment 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 areas 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 and filter replaced according to instructions included with respirator.

WARNING—Flammable! Keep away from heat or open flames.

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly kills the body's organs with oily surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment as 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 or frothing of mouth and nose, muscle spasms and coma.

In this product mixture parathion is the dominant toxic ingredient exerting muscarinelike effects that is stimulation of the parasympathetic nervous system. Poisoning victims should be treated promptly with atropine to block the actions of parathion on the sympathetic system and to relieve the symptoms of parathion poisoning.

FIRST AID

Call a doctor (physician) immediately. Explain that the parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

IM-ORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and areas 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 and filter replaced according to instructions included with respirator.

WARNING—Flammable! Keep away from heat or open flames.

NOTE TO

Antidote—administer at TWO TO FOUR mg. intravenously soon as cyanosis is observed. Repeat at 15 to 30 minute intervals until signs of recovery appear. 2-PAM chloride is also indicated in collaboration with atropine. Atropine is a strong cholinesterase inhibitor and peripheral nervous system and respiratory depression, the pulmonary edema, the pulmonary organ and treatment. Relapses have been reported. VERY CLOSE SURVEILLANCE IS INDICATED FOR AT LEAST 24 HOURS.

BEST AVAILABLE COPY

sale, distribution or use is permitted only after a showing of emergency conditions to E.P.A. by a Federal or state agency and issuance by E.P.A. of a finding that an emergency condition exists. Use is permitted by that E.P.A. finding.

Refer to the accompanying instructions for use that are provided with the product.

TO HUMANS

Protective clothing and respirators are required for all persons involved in mixing, transferring or otherwise handling this product. Protective clothing must consist of heavy-duty gloves, rubber or synthetic boots, boot covers, long-sleeved shirt and pants. Full-face respirators are required. In the case of aerial applicators, users may use closed systems for mixing, loading and handling. However, it is recommended that mixers and loaders wear water proof gloves. Aerial applicators in positive pressure cockpits and other applicators in comparable ground equipment with appropriate filters at all air intakes need not comply with these protective clothing requirements.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Use of this product may be fatal to birds and other wildlife in treated areas. Do not spray over lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Overspray of this product into water at application rates recommended on this label may be fatal to shrimp and crab. Do not apply where there are important resources. Apply this product only as specified on this label.

BEST COPY AVAILABLE



DANGER POISON PRECAUTIONS ☠

POISONOUS IF SWALLOWED

This product is highly toxic. Small amounts may be fatal if swallowed.



POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or soiled or splashed on skin, in eyes or on clothing. Run eyes through water.



POISONOUS IF BREATHED

Breathing vapors or spray may be fatal.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

- (1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes.
- (2) Wear safety goggles.
- (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection.
- (4) Wear heavy-duty natural rubber gloves.
- Do not harvest or harvest within 7 days of application. Workers entering fields 24 hours after application should wear protective clothing. Do not graze dairy animals or animals being finished for slaughter in fields treated late in the season.
- Do not reuse empty drum. Return to supplier or destroy by perforating or crushing and burying in a safe place away from water supplies.

S.R.S

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

STOP - READ LABEL BEFORE USING!



POISON

DANGER

Keep Out of Reach of Children

Side Panels for Antidote & Precautions

Royal Brand Boll Maker

Contains 3 lbs. Toxaphene 2 lbs. Ethyl Parathion 1 lb. Methyl Parathion Per Gallon

ACTIVE INGREDIENT(S)		
*Toxaphene	.....	46.49%
Parathion O, O-diethyl O-p-nitrophenyl phosphorothioate	.....	16.60%
**O, O-dimethyl O-p-nitrophenyl phosphorothioate	.....	9.29%
Xylene	.....	12.85%
INERT INGREDIENT(S)		12.77%
*Technical Chlorinated Camphene (67% 69% Chlorine)	.....
**Methyl Parathion	.....	100.00%

DIRECTIONS FOR USE

This product should be applied by trained personnel using approved protective equipment. Fill spray tank one-half with water then pour in specified amount of Boll Maker. Keep agitator running while filling tank and during spray application. For best control with ground equipment apply recommended amount of insecticide in 2 to 3 gallons of water per acre on cotton.

COTTON For control of Cotton Leafworms, Fleahoppers, Red Spider Mites, Thrips use 2 to 3 pints per acre. Bollworms and Bollweevils use 4 pints per acre at 10 to 14 late bolls until control is obtained. Workers entering fields within 24 hours after application should wear protective clothing.

SOYBEANS For control of Two Spotted Mites, Stink Bugs, Bollworms, Fall Armyworms, Green Cloverworms, Yucca Bean Caterpillars and Webworms use 2 1/2 to 3 pints per acre 21 days limitation prior to harvest. Do not feed treated plants or residues made from treated plants to poultry, dairy animals or animals being finished for slaughter. Do not feed soybean mill trash to live stock or poultry.

NOT FOR HOME USE

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.



DANGER—POISON—PRECAUTIONS



POISONOUS IF SWALLOWED

This product can kill you if swallowed even in small amounts. Spray mist or dust may be fatal if swallowed.



POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled on clothing on skin in eyes or on clothing that goes through clothes.



POISONOUS TO FISH AND WILDLIFE

Breathing vapors, spray mist or dust may be fatal. This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

- Wear water proof pants, coat, hat, rubber boots or rubber overshoes.
 - Wear safety goggles.
 - Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection.
 - Wear heavy duty natural rubber gloves.
- Do not handpick or harvest within 7 days of application. Workers entering fields 24 hours after application should wear protective clothing. Do not graze dairy animals or animals being finished for slaughter in fields treated late in the season. Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies.

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 Treatment 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 and filter replaced according to instructions included with respirator.

WARNING—Flammable! Keep away from heat or open flame.

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed 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, drooping or itching of mouth and nose, muscle spasms and coma.

In this product mixture, parathion is the dominant toxic ingredient exerting muscarinelike effects, that is, stimulation of the parasympathetic nervous system. Poisoning victims should be treated promptly with atropine to the limit of the victim's tolerance to relieve symptoms and to improve chances of survival. 2-PAM may be administered in conjunction

FIRST AID TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim. If swallowed and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Never give any thing by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doc for immediately.

NOTE TO PHYSICIAN

Antidote—administer atropine sulfate in large doses TWO to FOUR mg intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

with atropine. The administration of oxygen is helpful. Morphine should not be given to persons suspected of Parathion poisoning. Toxaphene produces central nervous system excitation which ordinarily responds to the barbituric acid derivatives, but this drug should be considered only if complete atropinization fails to relieve symptoms.

EPA Reg. No. 3743-335
EPA Est. No. 3743-SC-1

BEST AVAILABLE COPY