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3743-326

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

Dear Mr. Bass:

3/18/83

Subject: Toxaphene Cancellation Notice
Product Name: Royal Brand Tox-Guard 9
EPA Registration No. 3743-326
Your Submission Dated February 8, 1983

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 with 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

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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. ~~It is~~ permitted by that E.P.A. finding.

Refer to the accompanying directions for use that are provided with the ~~E.P.A. finding~~ finding.

DIRECTIONS FOR USE

Do not use this product for any uses other than those specified on this label.

TOX-GUARD 9 is used undiluted in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insects indicated below. Aerial applications should be made at an altitude of 5 feet above the crop. The effective swath width at this altitude is 50 feet. Do not make application when winds exceed 5 mph.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray deposition may be used at a vehicle speed of 4 to 10 mph.

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002, placed 30" into air blast or rotary atomizers into the air blast that produce an efficient spray particle with a mass medium diameter of 40 to 100 microns. Swath widths should not exceed 30 feet, and applications should not be made when winds exceed 5 mph.

Boom sprayers with a filtered rotary air compressor, either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the pesticide.

Flow should be regulated with relief valve and gauge for proper air flow and mixture. Pneumatic-type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass medium diameter of 30 to 100 microns. Applications should not be made when winds exceed 5 mph.

IMPORTANT: Spray droplets of TOX-GUARD 9 will permanently damage automobile paint. Avoid spraying automobiles. Shut off spray nozzles when necessary. If accidental exposure does occur, immediately wash the affected part of the body with detergent soap and water. Advise your doctor if you have sprayed and instruct them to clear area of your home.

ARMYWORMS OR GRASSHOPPERS

Apply 3 pints per acre in midseason or late season, or when the cotton bolls are beginning to open.

Aerial applications must be made by water mechanical sprayer or by hand in small areas.

CAUTION: Do not handpick or harvest within 7 days of application. (Workers entering fields within 24 hours after application should wear protective clothing). Do not graze dairy animals or animals being finished for slaughter in treated fields.

Danger — Poison — Precautions



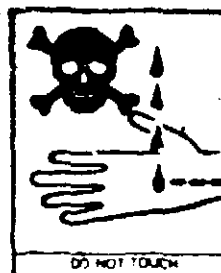
POISONOUS IF SWALLOWED

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 or splashed on skin, in eyes or on clothing (liquid goes through clothes.)



POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

POISONOUS TO FISH & WILDLIFE

This product is toxic to fish, birds and other wildlife. Do not apply where other conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water, including equipment, or disposal wastes.



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.

POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment station regarding posting treated areas.

CONTAINER DISPOSAL

Do not reuse empty container. Destroy it by perforating or crushing and burying in a soft place away from water supplies. This product is to be used by the commercial growers or commercial applicators.

CAUTION: Do not use in home gardens.

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EPA Reg. No.

HAZARDS TO HUMANS

Protective clothing and respirators are required for all applicators and other persons involved in mixing, loading, transferring or otherwise handling this pesticide. Protective clothes must consist of hats, impermeable gloves, rubber or synthetic rubber boots or boot covers, long-sleeved shirts and long pants. Full-face respirators are recommended; half-face respirators are required. In lieu of compliance with the protective measures required for applicators, users may use closed systems methods of 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 groups equipment with appropriate filters at all air intakes need not comply with 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 these are important resources. Apply this product only as specified on this label.

DISCONTINUE USE

ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT

1. Wear water proof clothing, hat, gloves, boots, and eye protection. 2. Wear respirator approved by the manufacturer for parathion protection. 3. Wear heavy duty natural rubber gloves.

WORK SAFETY RULES

Keep all unprotected persons and children away from treated areas when there is danger of drift. Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and help right away. Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. 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 on 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.

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with 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, dizziness, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and muscle spasms and coma.

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. Before vomiting by striking finger down throat or by giving soap or strongly salty water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

If in contact with eyes, immediately flush eyes for 15 minutes with plenty of water. If contact with skin, immediately wash with plenty of water. Do not use solvents or kerosene.

NOTE TO PHYSICIAN

Administer atropine sulfate in large doses. Give 10 mg. of atropine every 15 minutes until a dry mouth and tachycardia appear. If a patient is unconscious, a 10 mg. dose may be given. Do not give atropine if the patient is already unconscious. Do NOT GIVE MORPHINE. TRANSDERMAL absorption of parathion is possible. Parathion acts on the central and peripheral nervous systems and produces cardiac and respiratory depression. At first sign of pulmonary coma, 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. TREAT SYMPTOMATICALLY.** Toxaphene produces central nervous system excitation which ordinarily responds to barbituric acid derivatives, but this drug should be considered only if complete atropinization fails to relieve symptoms.

E.P.A. Reg. No. 3743-326
E.P.A. EST. 3743-SC-1

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 Certified Applicator's certification.

STOP — READ LABEL BEFORE USING!



POISON

See side panels for antidote and precautions

DANGER

Keep out of reach of children

CAN KILL YOU

ROYAL BRAND TOX-GUARD 9

ACTIVE INGREDIENTS:

Toxaphene*	54.37%
Malathion**	21.39%
O, O-dimethyl O-p-nitrophenyl phosphorothioate***	6.80%
Xylene	15.67%
INERT INGREDIENTS	2.77%
	100.00%

*Technical chlorinated Camphene (Chlorine content 67% to 69%)

**O, O-dimethyl phosphorodithioate of diethyl mercaptosuccinate

***Methyl Parathion
1 gal. contains 6 lbs. Toxaphene, 2 1/4 lbs. Malathion, and 3/4 lb. Methyl Parathion

See antidote statement and other required warning statements on side panels. **DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

NET CONTENTS

MADE BY
Southern Agricultural Chemicals, Inc.
KINGSLEE, S. C. NEWLAND, N. C.

NOTICE: Follow directions carefully. Timing and method of application, weather and crop condition mixtures with other chemicals and specific directions and other instructions are factors in the use of this product and are beyond the control of the manufacturer. Buyer assumes all risks of use, storage and disposal of this material and its strict accordance with the label directions.

DIRECTIONS FOR USE

Read the product literature directions that are specified on the label.

TOX-GUARD 9 is a contact insecticide applied by aircraft or ground equipment in areas of high infestation for control of the pest. It is a contact insecticide and should be made up in a spray solution. It is applied with a nozzle with at least 100 psi of pressure. It is applied in a wind direction of 10 to 30 degrees downwind.

When used by aircraft, a controlled air flow to the target area is essential. The aircraft should fly at a velocity of 100 to 150 mph.

When used by ground equipment, a spray of 10 to 40 psi and a nozzle of 1/8 to 1/4 inch diameter is recommended. The spray should be applied in a wind direction of 10 to 30 degrees downwind. The spray should be applied in a wind direction of 10 to 30 degrees downwind.

When used by ground equipment, a spray of 10 to 40 psi and a nozzle of 1/8 to 1/4 inch diameter is recommended. The spray should be applied in a wind direction of 10 to 30 degrees downwind. The spray should be applied in a wind direction of 10 to 30 degrees downwind.

When used by ground equipment, a spray of 10 to 40 psi and a nozzle of 1/8 to 1/4 inch diameter is recommended. The spray should be applied in a wind direction of 10 to 30 degrees downwind. The spray should be applied in a wind direction of 10 to 30 degrees downwind.

IMPORTANT: Do not use TOX-GUARD 9 will permanently damage the soil. Avoid contact with plants. Stop all applications immediately if the soil is exposed. Do not use TOX-GUARD 9 in areas where it will be in contact with water. Do not use TOX-GUARD 9 in areas where it will be in contact with water. Do not use TOX-GUARD 9 in areas where it will be in contact with water.

COTTON: Do not use TOX-GUARD 9 on cotton. Do not use TOX-GUARD 9 on cotton. Do not use TOX-GUARD 9 on cotton. Do not use TOX-GUARD 9 on cotton. Do not use TOX-GUARD 9 on cotton. Do not use TOX-GUARD 9 on cotton.

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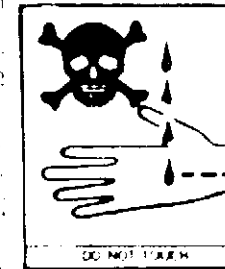
CAUTION: Do not apply TOX-GUARD 9 within 100 feet of application area. Do not apply TOX-GUARD 9 within 100 feet of application area. Do not apply TOX-GUARD 9 within 100 feet of application area. Do not apply TOX-GUARD 9 within 100 feet of application area.

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 or splashed on skin, in eyes or on clothing (liquid goes through clothes.)



POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

POISONOUS TO FISH & WILDLIFE

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.

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.

POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment station regarding posting treated areas.

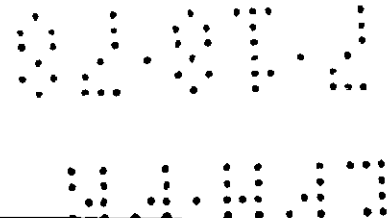
CONTAINER DISPOSAL

Do not reuse empty container. Destroy it by perforating or crushing and burying in a safe place away from water supplies. This product is to be used by the commercial growers or commercial applicators.

CAUTION: Do not use in home gardens.

BEST

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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 ▶								
SIGNATURE ▶								
DATE ▶								

-2-

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 with 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

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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 directions for use that are provided with this product for use that are provided with the E.P.A. finding.

DIRECTIONS FOR USE

Do not use this product for any uses other than those specified on this label.

TOX-GUARD 9 is used undiluted in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insects indicated below. Aerial applications should be made at an altitude of 5 feet above the crop. The effective swath width at this altitude is 50 feet. Do not make application when winds exceed 5 mph.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray deposition may be used at a vehicle speed of 4 to 10 mph.

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002, placed 30° into air blast or rotary atomizers into the air blast that produce an efficient spray particle with a mass-medium diameter of 40 to 100 microns. Swath widths should not exceed 30 feet, and applications should not be made when winds exceed 5 mph.

Boom sprayers with a filtered rotary air compressor, either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the pesticide. It should be regulated with relief valve and gauge for proper air flow and mixture. Pneumatic-type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass medium diameter of 30 to 100 microns. Applications should not be made when winds exceed 5 mph.

IMPORTANT: Spray droplets of TOX-GUARD 9 will permanently damage and mar paint. Avoid spraying automobiles. Shut off spray immediately when necessary. If accidental exposure does occur, immediately and thoroughly wash of painted surface with detergent and water to prevent or reduce damage. Applicator should so advise farm hands of spraying and instruct them to clear area of automobiles.

COTTON

ARMYWORMS OR GRASSHOPPERS

Apply 3 pints per acre in midseason and increase to 4 pints per acre in late season or when the cotton is heavily infested. Applications are severe.

CAUTION: Do not handle or harvest within 7 days of application. (Workers entering fields within 24 hours after application should wear protective clothing). Do not graze dairy animals or animals being finished for slaughter in treated fields.

Danger — Poison — Precautions



POISONOUS IF SWALLOWED

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

POISONOUS BY SKIN CONTACT

POISONOUS if touched by hands or spilled, splashed on skin, in eyes or on clothing (it goes through clothes.)

POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

IF EXPOSED TO FISH OR WILDLIFE

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

POST TREATED AREA

Consult your State Agricultural Extension Service or experiment station regarding posting treated areas.

CONTAINER DISPOSAL

Do not reuse empty container. Destroy it by perforating, crushing and burying in a soft place away from water piles. This product is to be used by the commercial growers or commercial applicators.

CAUTION: Do not use in home gardens.



DO NOT SWALLOW



DO NOT TOUCH



DO NOT BREATHE

COPY

RESTRICTED USE PESTICIDE

Available only to and only by Certified Applicators or persons under their direct supervision and only for those uses authorized by the Certified Applicator's certification.

STOP — READ LABEL BEFORE USING!



POISON

See side panels for antidote and precautions even in small quantities may be spilled or absorbed through clothing.



DANGER

Keep out of reach of children

CAN KILL YOU

ROYAL-BRAND TOX-GUARD 9

ACTIVE INGREDIENTS:

Toxaphene*	54.37%
Malathion**	20.39%
O, O-dimethyl O-p-nitrophenyl phosphorothioate***	6.8%
Xylene	15.6%
INERT INGREDIENTS	2.7%
Net Content	100%

INERT INGREDIENTS:

*Technical chlorinated Camphene (Chlorine to 69%)	mercury
**O, O-dimethyl phosphorodithioate of diisobutyl succinate	mercury
***Methyl Parathion	mercury

(1 gal. contains 6 lbs. Toxaphene, 2 1/4 lbs. Malathion, 1 1/4 lb. Methyl Parathion) See antidote statement and other requirements on side panels. **DO NOT USE. POISONOUS.** STORE NEAR HEAT OR OPEN FLAME.

MADE BY Southern Agricultural Chemicals Inc. KENNESAW, G.A. NEWLARK, N.C.

NOTE: Follow directions carefully. Mixing of pesticides, fertilizers and other chemicals is not recommended unless the manufacturer's label specifically authorizes the combination.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:

- 1. Wear waterproof pants and a rubber apron.
- 2. Wear safety goggles.
- 3. Wear a respirator approved by the U.S. Bureau of Mines for parathion protection.
- 4. Wear heavy duty, natural rubber gloves.

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 and explain that the victim has been exposed to parathion and describe his condition. If first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take the 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.

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with 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, drooling or frothing or mouth and neck muscle spasms and coma.

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 and conscious, make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soap or strong salty water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately. Flush eyes or skin with plenty of water for at least 15 minutes. Do not use kerosene, gasoline or oil. See doctor immediately.

NOTE TO PHYSICIAN

Adults: Administer atropine sulfate in large doses (1/2 to 1.0 gm.) in 15 to 30 min. intervals until the patient is over-dosed. Repeat at 4 to 6 hr. intervals until the patient is over-dosed. Catapertan appears to be effective. **DO NOT GIVE MORPHINE.** ATROPINE is the only antidote for parathion poisoning. It is a powerful anticholinergic and affects the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary coma, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapse have been reported after initial improvement. **VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS. TREAT SYMPTOMATICALLY.** Toxaphene produces central nervous system excitation which ordinarily responds to barbituric acid derivatives, but this drug should be considered only if complete atropinization fails to relieve symptoms.

E.P.A. Reg. No. 3742-206

HAZARDS TO HUMANS

Protective clothing and respirators required for all applicators and other persons involved in mixing, loading, transferring and handling this pesticide. Protective clothing must consist of hats, impermeable gloves or synthetic rubber boots or boot covers, long shirts and long pants. Full-face respirators are recommended; half-face respirators are required. In lieu of compliance with the measures required for applicator and other persons, methods of mixing, loading and transferring are recommended that require persons wear water proof gloves, airtight positive pressure hoods and other comparable ground equipment with respirators at all air intakes used not protective clothing requirements.

HAZARDS TO WILDLIFE

This product is very toxic to fish, birds and mammals. Use of this product may be fatal to fish, birds and mammals in treated areas. Do not apply to streams, ponds, swamps or other water bodies where runoff is likely to occur. Do not apply when weather conditions favor runoff. Do not contaminate water bodies with equipment or disposal of wastes. Over-application of this product into water bodies may be fatal to shrimp and other aquatic life. Do not apply where these are important resources. Apply product only as specified on this label.

DO NOT GIVE MORPHINE

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.

DIRECTIONS FOR USE

Do not use this product for any uses other than those specified on this label.

TOX-GUARD 9 is used undiluted in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insects indicated below. Aerial applications should be made at an altitude of 5 feet above the crop. The effective swath width at an altitude of 50 feet. Do not make application when winds exceed 5 mph.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray deposition may be used at a vehicle speed of 4 to 10 mph.

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002 placed 30" into air blast or rotary atomizers into the air blast to produce an efficient spray particle with a mass medium diameter of 40 to 100 micron. Swath widths should not exceed 30 feet and applications should not be made when winds exceed 5 mph.

Boom sprayers with a filtered rotary air compressor, either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the pesticide. Air should be regulated with relief valve and gauge for proper air and liquid mixture. Pneumatic type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass medium diameter of 30 to 100 microns. Applications should not be made when winds exceed 5 mph.

IMPORTANT: Spray droplets of **TOX-GUARD 9** will permanently damage automobile paint. Avoid spraying automobiles. Shut off spray equipment when necessary. If accidental exposure does occur, immediate and thorough washing of painted surface with detergent water may prevent or reduce damage. Applicator should so advise customers before spraying and instruct them to clear area of automobiles, trucks, etc.

COTTON: Brown in Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee and Texas.

Apply 3 pints per acre in midseason. Repeat applications when the cotton bolls are in the green stage and infestations are severe.

Applications for control of weevils should begin when insect injury is noted or when punctured square reach 5" to 10". Repeat applications on a 5-day schedule. Application for the control of bollworm should be started when eggs are noted and 4 to 5 small squares are found per 100 terminals. Repeat applications on a 5-day schedule until pest pressure when bollworm infestation exceeds 10%.

CAUTION: Do not handpick or harvest within 7 days of application. Do not enter fields within 24 hours after application (should wear protective clothing). Do not graze dairy animals or animals being finished for slaughter in treated fields.

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 or splashed on skin, in eyes or on clothing (liquid goes through clothes.)



POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

POISONOUS TO FISH & WILDLIFE

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.

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.

POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment station regarding posting treated areas.

CONTAINER DISPOSAL

Do not reuse empty container. Destroy it by perforating or crushing and burying in a safe place away from water supplies. This product is to be used by the commercial growers or commercial applicators.

CAUTION: Do not use in home gardens.

STOP — READ LABEL BEFORE USING!

POISON

See side panels for antidote and precautions



CAN KILL YOU

ROYAL BRAND TOX-GUARD 9

ACTIVE INGREDIENTS:

Toxaphene*	54.37%
Malathion**	20.39%
O, O-dimethyl O-p-nitrophenyl phosphorothioate***	6.80%
Xylene	15.67%
INERT INGREDIENTS	2.77%
	100.00%

*Technical chlorinated Camphene (Chlorine content 67% to 69%)

**O, O-dimethyl phosphorodithioate of diethyl mercaptosuccinate

***Methyl Parathion
 1 gal. contains 6 lbs. Toxaphene, 2 1/4 lbs. Malathion, and 3/4 lb. Methyl Parathion

See antidote statement and other required warning statements on side panels. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.**

NET CONTENTS

— MADE BY —
 Southern Agricultural Chemicals, Inc.
 KINGSTREE, S. C. NEWLAND, N. C.

NOTICE: Follow directions carefully. Timing and method of application, weather and crop condition, mixtures with other pesticides are specifically recommended and listed on the label. Factors in the use of this product are beyond the control of the manufacturer. Assume all risks of use, damage or loss of crop. This is not a strict liability product.

USE ONLY WHEN WEARING THE FOLLOWING CLOTHING:

- (1) Wear water-proof pants, coat, hat, rubber safety goggles.
- (2) Wear mask or respirator for parathion protection.
- (3) Wear heavy work shoes.

Keep all unprotected persons and children out of danger of drift.

Do not rub eyes or mouth with hands. If you get help right away. Call a doctor (physician) to explain that the victim has been exposed to parathion. First aid is given (see First Aid Treatment) to victim to clinic or hospital.

IMPORTANT! Before removing gloves, wash hands, face and arms with soap and water. **AFTER WORK,** take off all work clothes. Wear only clean clothes when leaving job. Wash protective clothing and protective equipment. Respirator should be cleaned and filter replaced. Wash respirator.

POISON SIGN: Parathion is a very dangerous poison. It kills surfaces and eyes. Clothing wet with parathion. Exposed persons must receive prompt medical attention. Some of the signs and symptoms of poisoning are: cramps, weakness, blurred vision, pin-point pupils, nervousness, sweating, watering of eyes, muscle spasms and coma.

FIRST AID TREATMENT: Call a doctor (physician), clinic or hospital immediately. If exposed to parathion and describe his exposure. If breathing has stopped, start artificial respiration. If swallowed and victim is conscious, induce vomiting by sticking finger down the throat. If unconscious, give salty water to drink. Repeat until vomit is clear. Have victim lie on his side. Have victim lie on his side. In case of contact, immediately flush eyes with water for 15 minutes while removing contaminated clothing.

NOTE TO THE PATIENT: Antidote— Administer atropine sulfate in large doses orally or intramuscularly as soon as cyanosis is noted. Atropine sulfate is given until signs of atropinization appear. Atropine sulfate administered in conjunction with atropine sulfate. **QUILIZERS:** Parathion is a strong cholinergic antagonist of the peripheral nervous systems and producing a sign of pulmonary coma, the patient should be given atropine sulfate. Continued absorption have been reported after initial improvement. **THE PATIENT IS INDICATED FOR ATRACURIUM CHLORIDE.** Parathion is a strong cholinergic antagonist of the peripheral nervous systems and producing a sign of pulmonary coma, the patient should be given atropine sulfate. Continued absorption have been reported after initial improvement. **THE PATIENT IS INDICATED FOR ATRACURIUM CHLORIDE.** Parathion is a strong cholinergic antagonist of the peripheral nervous systems and producing a sign of pulmonary coma, the patient should be given atropine sulfate. Continued absorption have been reported after initial improvement. **THE PATIENT IS INDICATED FOR ATRACURIUM CHLORIDE.**

BEST COPY

BEFORE USE