


Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 188588
	Application for Pesticide:		
	Section I		

1. Company/Product Number 264-417	2. EPA Product Manager D. Edwards	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) TEMIK 15G brand Aldicarb Pesticide for Citrus	PMS 19	
5. Name and Address of Applicant (Include ZIP Code) Rhone-Poulenc Ag Company 2 T. W. Alexander Drive Research Triangle Park, NC 27707 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION: PR Notice 93-1 - Restricted Use
PR Notice 93-3 - Wetlands

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other (_____)		

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Warren A. Davis	Title Senior Registration Manager	Telephone No. (include Area Code) 919-549-2379
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature	3. Title Senior Registration Manager	
4. Typed Name Warren A. Davis	5. Date May 26, 1993	

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RESTRICTED USE PESTICIDE

ACUTE TOXICITY AND GROUND WATER CONTAMINATION

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

TEMIK® brand 15G ALDICARB PESTICIDE

FOR USE ON CITRUS ONLY

For Control of Certain Insects, Mites, and Nematodes on Oranges, Grapefruits, Lemons, and Limes Only

ACTIVE INGREDIENT: Aldicarb [2-methyl-2-(methylthio) propionaldehyde O-(methylcarbamoyl)oxime] 15%

INERT INGREDIENTS: 85%

EPA Reg. No. 264-417

EPA Est. No. 264-GA-01



KEEP OUT OF REACH OF CHILDREN

DANGER POISON

PELIGRO



PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

TRANSLATION TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-334-9745

STATEMENT OF PRACTICAL TREATMENT

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 orally to an unconscious or convulsing person. Call a physician and follow General advice.

IF IN EYES: Flush eyes with plenty of water and get medical attention.

IF ON SKIN: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.

DATE: JUN 8 1993

IF INHALED: Call a physician and follow General advice.

GENERAL

Contact a physician immediately in all cases of suspected poisoning. Illness may be produced rapidly following overexposure to TEMIK® Aldicarb. If breathing stops, establish an airway and start artificial respiration, and provide oxygen. Make certain to remove all sources of continuing contamination. Remove clothing and wash skin and hair immediately with large amounts of water. Transport the patient to a physician or hospital immediately and **SHOW A COPY OF THIS LABEL TO THE PHYSICIAN**. If poisoning is suspected in animals, contact a veterinarian.

NOTE TO PHYSICIAN

TEMIK® brand aldicarb is a methyl carbamate insecticide which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible. Gastric lavage may be used if this product has been swallowed. TEMIK® brand aldicarb poisoning may occur rapidly after ingestion and prompt removal of stomach contents is indicated.

Specific treatment consists of the administration of parenteral atropine sulfate. Caution should be exercised to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes as needed to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs such as (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested.

To aid in confirmation of a diagnosis, urine samples must be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Rhône-Poulenc Ag Company. Consultation on therapy can be obtained at all hours by calling the Rhône-Poulenc emergency number: 1-800-334-7577.

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

DANGER HAZARDS TO HUMANS AND DOMESTIC ANIMALS

FATAL IF SWALLOWED. Causes cholinesterase inhibition. May be fatal or harmful by skin or eye contact or by breathing dust. Rapidly absorbed through skin or eyes. Do not get on skin or in eyes. Do not breathe dust. Keep away from domestic animals.

Wear long-sleeved clothing, full-length trousers, head coverings, and protective gloves when handling. Always stand up-wind from hopper when loading. Wash hands and face before eating, drinking, or using tobacco. Bathe at the end of work day, washing entire body and hair with soap and water. Change clothing daily. Wash contaminated clothing in strong washing soda solution and rinse thoroughly before reusing.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Salivation, Muscle tremor, Nausea, Watery eyes, Difficult breathing, Vomiting, Pinpoint eye pupils, Excessive sweating, Diarrhea, Blurred vision, Abdominal cramps, Weakness, Headache.

In severe cases, convulsions, unconsciousness, and respiratory failure may occur.

ANTIDOTE STATEMENT: ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN.

ENVIRONMENTAL HAZARDS

DECOMPOSITION AND MOVEMENT IN SOIL: This product is readily decomposed into harmless residues under most use conditions. However, a combination of sandy and acidic soil conditions, moderate to heavy irrigation and/or rainfall, use of 20 or more pounds per acre, and soil temperature below 50°F (10°C) at application time tend to reduce degradation and promote movement of residues to groundwater. If the above describes your local use conditions and groundwater in your area is used for drinking, do not use this product without first contacting Rhône-Poulenc at 1-(800) 334-8577.

TOXIC TO FISH, BIRDS, AND WILDLIFE: This product is toxic to fish, birds, aquatic invertebrates and other wildlife. Birds feeding on exposed granules in treated areas may be killed. Cover or incorporate granules in spill areas. Runoff from treated areas may be hazardous to fish in neighboring areas. For terrestrial uses, do apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of lakes, streams, and ponds. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

NOTICE: Under the Endangered Species Act, it is a Federal Offense to use any pesticide in a manner that results in the death of a member of an endangered species.

This Act protects Attwater's Greater Prairie Chicken in the Texas counties of Aransas, Austin, Brazoria, Colorado, Galveston, Goliad, Harris, Refugio, and Victoria.

Prior to making applications in these counties, the user must determine that this species is not located in or immediately adjacent to the area to be treated. If the user is in doubt whether or not the above named endangered species may be affected, he should contact either the regional U.S. Fish & Wildlife Service office (Endangered Species Specialist) or personnel of the State Fish and Game office.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Read the entire label before using this product.

GENERAL WORKER PROTECTION STATEMENTS

Do not apply this product in such a manner as to directly expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated area without protective footwear. Persons coming in direct contact with wet treated soil after the initial irrigation or rainfall following treatment shall wear coveralls, rubber or neoprene boots, and gloves. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Advise workers to stay out of fields during application. Regular long-sleeved shirt, full-length trousers, and head covering should be worn when working in treated fields. See PRECAUTIONARY STATEMENT I, STATEMENT OF PRACTICAL TREATMENT, and NOTE TO PHYSICIAN for information on accidental exposures. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: appropriate signal word (DANGER- POISON), area treated with TEMIK® brand 15G Aldicarb Pesticide, date of application, appropriate protective clothing, and re-entry requirements.

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STORAGE AND DISPOSAL

STORAGE

Store unused TEMIK® brand Aldicarb Pesticide in original container only, in well ventilated clean dry area out of reach of children and animals. Do not store in areas where temperature averages 115°F (46°C) or greater. Do not store in or around the home or home garden.

If container is broken, before cleaning up, put on long-sleeved shirt, full-length trousers, head covering and rubber gloves. Do not get dust or granules on skin or in eyes. Do not breathe dust. Always stand upwind from spill when cleaning up. Sweep up and bury any small spills or excess TEMIK® Aldicarb at least 18 inches deep in soil, isolated from water supplies and food crops.

PESTICIDE DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL

Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by open burning. If container is burned, stay away from and do not breathe or contact smoke.

IN CASE OF TRANSPORTATION OR WAREHOUSE EMERGENCY INVOLVING A SPILL, FIRE, OR EXPOSURE, CALL 1-800-334-7577 TWENTY-FOUR HOURS A DAY IN THE USA.

GENERAL PRECAUTIONS

Use TEMIK® brand 15G Aldicarb Pesticide only in accordance with label directions, warnings, and precautions. **DO NOT USE ON ANY CROP NOT LISTED ON THIS LABEL OR SUPPLEMENTAL LABELING AS ANY RESIDUES REMAINING MAY BE ILLEGAL OR HARMFUL. DO NOT STORE OR USE IN OR AROUND THE HOME OR HOME GARDEN.**

Use high rate on heavy organic or clay soils. Do not exceed the maximum label rate. Applications at higher rates or at more frequent intervals than is stated on the label may result in illegal residues in crop, meat, and milk.

Calibrate and adjust application equipment to insure proper rate and accurate placement. Clean application equipment thoroughly after use. For any left over material, see instructions for STORAGE AND DISPOSAL in this booklet.

Deep disc any spills at row ends immediately to prevent birds from feeding on exposed granules.

PRE-HARVEST, GRAZING AND ENVIRONMENTAL LIMITATIONS

TO AVOID ILLEGAL RESIDUES:

- Apply only between March 1 and September 1 in California and only between January 1 and April 30 in Florida.
- Do not make more than one application per year.
- Do not allow livestock to graze in treated areas.
- Do not harvest lemons within 30 days of application.
- Do not plant any crop not listed on this label in soil treated with TEMIK® 15G Aldicarb Pesticide within 12 months after last application.
- Do not apply in Del Norte or Humboldt counties in California.
- Do not wash, load or empty application equipment near any well, as this practice is a potential source of groundwater contamination.
- Do not apply within 50 feet of any drinking water well with the exception of Florida where more restrictive setbacks apply.
- In Florida, TEMIK® brand Aldicarb Pesticide cannot be applied within 300 feet of any drinking water well. In addition, TEMIK® aldicarb cannot be used on Florida citrus within 1000 feet of a drinking water well regardless of depth of water table, when soils (such as Astatula soils) have a permeability rate greater than 20 inches per hour with an available water capacity less than 0.08 in all layers to a depth of 80 inches as identified by the U.S.D.A. Soil Conservation Service, unless it is known or reasonably believed, based on authoritative sources that such wells are either cased to 100 feet below ground level or a minimum of 30 feet below the water table. The U.S.D.A. Soil Conservation Service which serves your county can tell you if the soils in your grove(s) fall within this category.

Archbold	Deland	Lakewood	Paola
Astatula	Delray	Lynn haven	Pomello
Candler	Duette	Neihurst	Satellite
Captiva	Lake	Orsino	St. Lucie
Cassia	Lakeland	Palm beach	

- In Florida, it is the responsibility of the applicator to document the construction of wells claimed not to be shallow. This must consist of (a) a copy of the well construction permit issued by the appropriate water management district; or (b) a statement certified as to accuracy by a licensed well contractor.

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COMPATIBILITY

Pesticidal activity of TEMIK® brand 15G Aldicarb Pesticide is not affected by normal applications of fertilizers or other pesticides. Its effectiveness may be reduced or lost if applied with alkaline materials such as lime. To minimize potential exposure hazards, do not mix TEMIK® aldicarb with other materials before application.

GENERAL INFORMATION

TEMIK® brand 15G Aldicarb Pesticide controls certain insects, mites, and nematodes. When applied into moist soil the active ingredient aldicarb is rapidly absorbed by roots and translocated to all parts of the plant. Rainfall or irrigation soon after application will ensure prompt uptake of aldicarb. Control often lasts more than six weeks varying with growing conditions, rate of use, and pests. Crop yields are usually increased with treatments of TEMIK® brand 15G Aldicarb Pesticide.

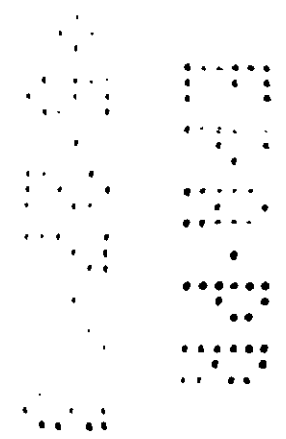
DIRECTIONS FOR USE ON CITRUS (Oranges, Grapefruit, Lemons, and Limes Only)

PESTS CONTROLLED	POUNDS PER ACRE (18 TO 25 FT ROW SPACING)	RECOMMENDED APPLICATION
Citrus Nematode (Except Florida)	33	Apply just prior to or during the spring flush of foliage growth in a band along the dripline on both sides of tree row. Spread granules uniformly and immediately work into the soil (preferred method); OR shank granules 2 to 3 inches deep using 4 to 6 shanks on 12 inch centers. The width of each band should equal 1/4 the tree row spacing.
Aphids Mites: Citrus Red Citrus Rust Texas Citrus Whiteflies	33	Apply as above, or apply in irrigation furrows using 2 shanks per furrow. Apply only between March 1 and September 1 in California. Apply as above between January 1 and April 30 only in Florida. See other ENVIRONMENTAL LIMITATIONS.

To provide maximum performance and to minimize hazard to birds, work granule into or cover with soil to a depth of 2 inches or more. Deep disc any spills at row ends immediately to prevent birds from feeding on granules.

Required Application Equipment

Application of TEMIK® brand 15G Aldicarb Pesticide to citrus should be made with granular applicators which use Positive Displacement Metering Units such as: Pounds Motor Co., Gandy® Orbit-Air®, Gandy® Orbit-Flow®, Valmar Airflow, and Horstine Farmery Microband™.



LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER OR NOT SUCH LIABILITY IS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

Rhône-Poulenc Ag Company
Post Office Box 1204, 2 T. W. Alexander Drive
Research Triangle Park, North Carolina 27709

TEMIK is the registered trademark of Rhône-Poulenc for aldicarb pesticide.

TEMIK 153 /Citrus (MASTER) Notification 5/24/93.

