

SEP 22 1995

Mr. W.A. Davis
Rhone-Poulenc Ag Company
P.O. Box 12014
Research Triangle Park, NC 27709

Dear Mr. Davis:

Subject: Addition of Use on Potatoes in Florida
Temik 15G Aldicarb Pesticide For Use on Citrus Only
EPA Reg. No. 264-417
Your Submission Dated August 8, 1995

The amendment referred to above submitted in connection with registration under the FIFRA section 3 (c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the label changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Revise the name of the product to "Temik 15G Aldicarb Pesticide For Use on Citrus and Potatoes Only."
 - b. Under the citrus application restrictions paragraph add a sentence requiring application to citrus to be made with Positive Displacement Metering Units only.
 - c. Under the use limitations paragraph for potatoes revise the statement "Do not use on potatoes in any state except Florida." to read "Do not use this product on potatoes in any state except Florida".

3. Aldicarb is currently in Special Review due to ground water concerns. This may result in additional restrictions being placed on this product.

4. Use of this product on potatoes is limited to Florida only.

5.a. If at any time Rhone-Poulenc learns from any source (e.g. EPA, USDA, FDA, State regulatory agency, growers, etc.) that any potato has been found to contain residues of aldicarb, its cholinesterase-inhibiting metabolites, or any combination thereof, of 2 ppm or more, Rhone-Poulenc will investigate the cause of the high residue level.

b. The investigation will attempt to determine the cause of the elevated levels including whether all label directions and restrictions were complied with at the time of application.

c. Rhone-Poulenc will make a report to EPA within 90 days of Rhone-Poulenc's receipt of the initial information. The report shall include: a description of the steps Rhone-Poulenc took to investigate the residues; the findings and conclusions of the investigation, including the location, rate and timing of the application, and any pre-harvest interval observed; and a copy of Rhone-Poulenc's initial notification as referenced in a. above.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

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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

FOR USE ON POTATOES IN FLORIDA ONLY

For Control of Certain Insects, Mites, and Nematodes on Oranges, Grapefruits, Lemons, Limes and on Potatoes Grown in Florida.

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



Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

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

Aldicarb is a n-methyl carbamate.

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.

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 n-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.

ACCEPTED
with COMMENTS
by EPA Letter Dated

SEP 22 1995

Under the Federal Insecticide
Fungicide and Rodenticide Act
as amended, this pesticide
registered under EPA Reg. No.

264-417

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.

Always stand up-wind from hopper when loading. Bathe at the end of work day, washing entire body and hair with soap and water. Change clothing daily.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear coveralls over short-sleeved shirts and short pants, waterproof gloves, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, protective eye wear, chemical-resistant apron when cleaning equipment, mixing or loading and a dust/mist filtering respirator (MSHA/NIOSH D/M approval number prefix TC-21C).

Follow manufacturer's instructions for cleaning/maintaining PPE. Keep and wash PPE separately from other laundry. Wash contaminated clothing in strong washing soda solution and rinse thoroughly before reuse.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash body thoroughly and put on clean clothing.

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 not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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 entire label before using this product.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

Exception: If the product is soil-incorporated or soil-injected, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. Once the REI has expired, do not allow persons to come into direct contact with treated soil wet as the result of the initial irrigation or rainfall after treatment unless they are wearing the PPE specified below for early entry. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is coveralls over short-sleeved shirt and short pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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 INFORMATION

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

TEMIK® brand 15G Aldicarb Pesticide controls certain insects, mites, and nematodes. When applied into moist soil at planting and/or postemergence 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; however, if irrigation is necessary care should be taken not to over irrigate to reduce the potential for residues leaching to ground water. 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.

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.

USE LIMITATIONS

PRE HARVEST, GRAZING, MAXIMUM USE RATE AND GROUND WATER LIMITATIONS

- 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 those listed below) have a permeability rate greater than 20 inches per hour with an available water capacity less than 0.06 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.

Adamsville	Lake	Paola
Archbold	Neihurst	Satellite
Astatula	Orsino	St. Lucie
Candler	Palm beach	Tavares
Cassia		

- 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.

APPLICATION RESTRICTIONS FOR:

CITRUS

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 apply in Del Norte or Humboldt counties in California.

POTATOES

- Do not harvest within 100 days of an application for potatoes grown in Florida.
 - All applications must be made with Positive Displacement Applicators such as Horstine Microband® or Gandy Orbit Flo® or with other Positive Displacement Applicators approved under the Rhône-Poulenc Equipment Certification Program.
 - The end user (i.e. applicator) must be certified through the Rhône-Poulenc stewardship program.
 - Do not apply after planting.
 - Do not make more than one application per crop. If replanting is necessary, do not retreat the second crop with TEMIK®.
 - Do not exceed 20 pounds of TEMIK® brand 15G Aldicarb Pesticide per acre.
 - Do not use furrow irrigation.
- Do not allow livestock to graze in treated areas before harvest.
- Do not use on potatoes in any state except Florida.

ROTATIONAL CROPS RESTRICTION

- Do not plant any crop not listed on this label or on the TEMIK® brand 15G Aldicarb Pesticide (EPA Reg No. 264-330) label in soil treated with TEMIK® brand 15G Aldicarb Pesticide within 10 months after the last application with the following exceptions:

Six-month plantback restriction

- Do not plant wheat or barley within 6 months after last application.
- Do not plant bulb crops (such as onions or garlic) within 6 months after the last application.
- Do not plant brassica crops (such as broccoli or cabbage) within 6 months after the last application.

Eight-month plantback restriction

- Do not plant corn within 8 months of last application.
- Do not plant melons within 8 months after last application.
- Do not plant other cucurbits (such as cucumbers and squash) within 8 months after last application.
- Do not plant fruiting vegetables (such as tomatoes or eggplant) within 8 months after the last application.

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 or cover with soil to a depth of 2 inches or more; 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.
GENERAL INFORMATION: Do not exceed 33 lbs/A for all applications to citrus.		

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 must 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™, or Accu-Shot®.

POTATOES

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
<p>POTATOES AT PLANTING OR WITHIN ONE WEEK PRIOR TO PLANTING. DO NOT APPLY AFTER PLANTING.</p> <p>APPLY ONLY WITH POSITIVE DISPLACEMENT APPLICATORS.</p> <p>Do not exceed a total of 20 lbs. per acre.</p> <p>FOR USE ONLY IN FLORIDA.</p>	Flea Beetles	20	21	Apply granules with the seed pieces in the planting furrow and cover with soil.
	Aphids Colorado potato beetle Leafhoppers	14 to 20	14.5 to 21	
	Nematodes (Except Golden Nematode and Root-knot nematodes). Verticillium wilt has been suppressed where nematode populations have been controlled. Root-knot nematodes are suppressed. Despite suppression of root-knot nematode, tuber quality may not be adequately protected. If root-knot nematode is a severe economic pest, the use of other control measures should also be employed.	20	21	<p>Apply granules with the seed pieces in the planting furrow and cover with soil</p> <p style="text-align: center;">OR</p> <p>apply granules in a 6-inch band and work into the soil or cover with soil into a depth of 4 inches. Plant seed pieces into the treated zone.</p>
<p>GENERAL INFORMATION: Do not exceed 20 lbs/A for all applications to potatoes.</p>				

Required Application Equipment

Application of TEMIK® brand 15G Aldicarb Pesticide must 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™, or Accu-Shot®.

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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 15G (Citrus & Potatoes in Florida) (Pending) Submitted ___/___/___