

FEB - 7 1989

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

Dear Mr. Davis:

Subject: Label Amendment - County Restrictions
Temik Brand 15G Aldicarb Pesticide
EPA Registration No. 264-330
Your Letters Dated October 20, 1988 and January 10, 1989

We have reviewed your application and our comments are listed below.

1. The Use Restriction statement with the addition of Humboldt County, California and Curry County, Oregon is acceptable.
2. You have included a general well setback of 50 feet under the General Use Restrictions. As you are well aware, the issue of well setbacks cannot be settled until the public comments on the Technical Support Document for the Aldicarb Special Review have been reviewed by the Agency and the Special Review is complete. We cannot accept any changes in well setbacks or other environmental precautions different from what is in the last accepted label until then. This was conveyed to you in our letter dated September 27, 1988.
3. The statement about not washing, loading, or emptying equipment near any well, as proposed in your January 10, 1989 submission is acceptable.
4. The proposed change (your October 20 submission) in the 50-day preharvest interval statement for potatoes from "within 50 days of an after-planting application" to "within 50 days after a postemergence application" is not acceptable. We have noted that you have deleted this change from your January 10 submission.

51601-I/G.Kumar-LE-2-KENCO-2/02/89-3/15/89-CT:voide
CONCURRENCES

SYMBOL							
SURNAME							
DATE							

- 5. On August 5, 1986 you had submitted a field dissipation study to support plantback intervals for some crops and you had also stated that you had initiated a 1986-1987 plantback study to define residues in support of rotational crop tolerances. We informed you on September 8, 1987 that the field dissipation study was inadequate and that we would reconsider your proposed plantback intervals after you had submitted residue data from the 1986-1987 plantback study. We would now like to followup on this issue. Did you complete the study? If so, please submit it to the Agency so that a final decision on the replanting intervals can be made.

- 6. The labeling submitted on January 10, 1989, which is supposed to replace your October 30, 1988 submission, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Change "May be fatal if swallowed" to "Fatal if swallowed."
 - b. Add the statement "Do not apply to any field more than once every 2 years in Maine and Wisconsin" to preharvest and grazing limitations.

Submit five copies of the final printed labeling before you release the product for shipment.

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

Sincerely yours,

Dennis H. Edwards, Jr.
 Product Manager (12)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767C)

Enclosure

With county restrictions submitted to EPA 1/10/89

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.

TEMIK® brand 15G
ALDICARB PESTICIDE

For Control of Certain Insects, Mites, and Nematodes

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

INERT INGREDIENTS: 85%

ACCEPTED
FEB - 7 1989
On the 7th day of February, 1989, the Administrator of the Registration Division of the Environmental Protection Agency has accepted for the pesticide registered under EPA Reg. No. 264-330

KEEP OUT OF REACH OF CHILDREN
DANGER POISON

EPA Reg. No. 264-330

EPA Est. No. 10352-GA-01

RHONE-POULENC AG COMPANY
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 27709

TEMIK® is the registered trademark of RHONE-POULENC NEDERLAND B.V. for aldicarb pesticide.

MADE IN U.S.A.

For EMERGENCY Information ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-334-9745

PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles no use este producto hasta que la informacion en la etiqueta le haya sido explicada ampliamente.

TRANSLATION TO THE USER: IF YOU CANNOT READ ENGLISH DO NOT USE THIS PRODUCT UNTIL THE LABEL HAS BEEN FULLY EXPLAINED TO YOU.

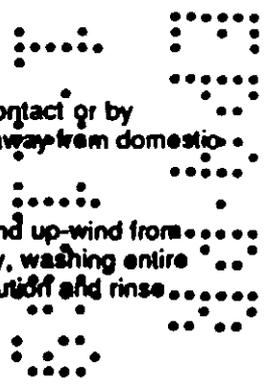
PRECAUTIONARY STATEMENTS

DANGER

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

MAY BE 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 below.

STATEMENT OF PRACTICAL TREATMENT

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.

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 listed above.

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.

IF INHALED: Call a physician and follow General advice listed above.

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 the patient is 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.

ENVIRONMENTAL HAZARDS

DECOMPOSITION AND MOVEMENT IN SOIL: This product is readily decomposed into harmless residues under most use conditions. However, a combination of permeable 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) 334-7577.

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.

With county restrictions submitted to EPA 1/10/89

Run-off from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). 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.

GENERAL DIRECTIONS FOR USE

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. 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 CAUTIONS

Use TEMIK® brand 15G Aldicarb Pesticide only in accordance with label directions, warnings, and cautions. **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. Treatments in excess of 7 pounds per acre made directly in the seed furrow of cotton, sugar beets, soybeans, or drybeans may delay plant emergence and reduce plant stand.

Make side-dress applications close enough to plants to allow good uptake by the roots without injury to the plants from root pruning. In irrigated areas, follow application with irrigation within one week. If alternate furrows are irrigated after side-dress application, TEMIK® brand 15G Aldicarb Pesticide and water must be on the same side of the plant row.

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.

DO NOT WASH, LOAD, OR EMPTY APPLICATION EQUIPMENT NEAR ANY WELL, AS THIS PRACTICE IS A POTENTIAL SOURCE OF GROUND WATER CONTAMINATION.

DO NOT APPLY THIS PRODUCT IN DEL NOTRE, AND HUMBOLDT COUNTIES IN CALIFORNIA; NASSAU OR SUFFOLK COUNTIES IN NEW YORK; OR IN CURRY COUNTY, OREGON.

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 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, 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

26-1-89
611 1A
With county restrictions submitted to EPA 1/10/89

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.

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 13 inches deep in soil, isolated from water supplies and food crops.

PESTICIDE DISPOSAL

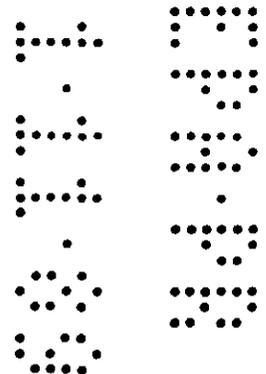
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

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.



With county restrictions submitted to EPA 1/10/89

PRE-HARVEST AND GRAZING LIMITATIONS

TO AVOID EXCESSIVE RESIDUES IN OR ON:

COTTONSEED

- Do not make more than one 'at planting' application and one postemergence application per crop.
- Do not apply within 90 days of harvest.
- Do not feed cotton forage to livestock or allow livestock to graze in treated area.

POTATOES

- Do not make more than one application per crop.
- Do not harvest within 90 days of an at planting application or within 50 days of an 'after planting' application.

PEANUTS

- Do not make more than one application per crop.
- Do not harvest within 90 days of application.
- Do not hog-off treated fields.
- Do not feed hay or vines to livestock.

SUGAR BEETS

- Do not make more than one 'at planting' application and two postemergence applications per crop.
- Do not exceed a total of 40 pounds per acre.
- Do not apply within 90 days of harvest.
- If tops are to be fed to livestock, do not apply within 120 days of harvest.
- Do not use tops as food for humans.

SOYBEANS

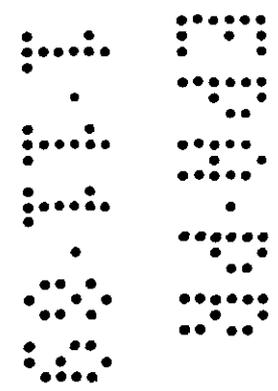
- Do not make more than one application per crop.
- Do not harvest within 90 days of application.
- Do not feed green forage, hay, or straw to livestock.

DRY BEANS

- Do not make more than one application per crop.
- Do not harvest within 90 days of application.
- Do not feed green forage, hay or straw to livestock.
- Do not use green pods as food for humans.

SUGARCANE AND SWEET POTATOES

- Do not make more than one application per crop.
- Do not harvest within 120 days of application.
- Do not feed sweet potato vines to livestock.



With county restrictions submitted to EPA 1/10/89

PECANS

- Do not make more than one application per year.
- Do not allow livestock to graze in treated areas.
- Do not harvest foliage or hay from treated areas.

SORGHUM

- Do not make more than one application per year.
- Do not harvest within 90 days of application.
- Do not feed green forage to livestock.

OTHER CROPS

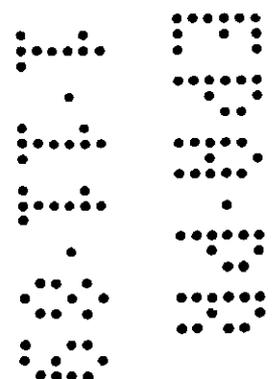
- Do not plant any crop not listed on this label in soil treated with TEMIK® 15G Aldicarb Pesticide within six months after last application.

MEAT AND MILK

- Do not allow livestock to graze in treated areas before harvest.

GROUNDWATER

- Observe Environmental Hazard precautions regarding Decomposition and Movement in Soil, and carefully follow Directions For Use.
- Do not wash, load, or empty application equipment near any well, as this practice is a potential source of ground water contamination.
- Do not apply this product in Del Norte, and Humboldt Counties in California; Nassau or Suffolk Counties in New York; or in Curry County, Oregon.
- Do not apply more than 33 lbs/A in the state of Florida.



With county restrictions submitted to EPA 1/10/89

DIRECTIONS FOR USE AND RECOMMENDED APPLICATIONS

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

To provide maximum performance and to minimize hazard to birds, work granules 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. When a range or rates are recommended, use the higher rate if pest infestations are expected to be severe.

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application	
COTTON					
At planting	Aphids, Thrips	3.5 to 5	4.5 to 6	Drill granules just below seed line or place in seed furrow and cover with soil. If seeds and TEMIK® are hill-dropped, TEMIK® rates may be reduced by one-half	
		(Except Texas Oklahoma and New Mexico)			
			2 to 5	2.5 to 6	
			(Texas, Oklahoma, and New Mexico Only)		
	Fleahoppers, Leafminers, Mites, Overwintering boll weevil(adults feeding on foliage), Plant bugs, including Lygus		4 to 7	5 to 8.5	
At first squaring	Nematodes	3.5 to 10	4.5 to 12	Drill granules just below seed line or place in seed furrow and cover with soil. If rate exceeds 7 pounds per acre apply granules in a 4 to 6-inch band and work into the soil or cover with soil; plant seed in or above treated zone.	
			(Except Far West)		
	Nematodes	14 to 27	17 to 33	Apply granules in a 4 to 6-inch band 3 to 6 inches below seed line or cover with 3 to 6 inches of soil. Plant seed above treated zone.	
			(Far West Only)		
From squaring through early bloom	Leafhoppers, Fleahoppers	7 to 14	8.5 to 17	Side-dress granules 8 to 16 inches to one side of the plant row and 2 to 6 inches deep (usually at or below bottom of water furrow).	
	Mites, Boll weevil, Plant bugs, including Lygus	14 to 20	17 to 24.5		
From squaring through early bloom	Cotton leaf perforator	14	17		
	Whiteflies	14 to 20	17 to 24.5		
GRAIN SORGHUM					
At Planting	Nematodes	7	7.5	Apply granules in seed furrow and cover with soil.	
		(Texas and Oklahoma only)			
Greenbug And Chinch Bug (early season control)		7	7.5		

With county restrictions submitted to EPA 1/10/89

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
POTATOES				
DO NOT APPLY IN SUFFOLK COUNTY LONG ISLAND, NEW YORK.				
34" row spacing				
(Maine Only)				
In The Following States Apply At Emergence Only Before Plants are 3 Inches High:	Aphids	7	7	Apply granules in 4 to 6-inch band over row on top of hill. Cover granules with soil by cultivators or hilling discs.
STATES OF: Maine and Wisconsin				
Counties of: Hartford, CT Kent and New Castle, DE Franklin and Hampshire, MA Worcester, MD Atlantic, Burlington, Cumberland, Monmouth and Salem, NJ Newport and Washington, RI Accomack and Northampton, VA	Colorado potato beetle Leafhoppers Aphids (except in Maine)	14	14.5	DO NOT APPLY THIS PRODUCT TO ANY FIELD MORE THAN ONCE EVERY TWO YEARS.
IN ALL OTHER AREAS:	Flea beetles	20	21	Apply granules with seed pieces in planting furrow and cover with soil
At Planting Do not exceed a total of 20 lbs. per acre.	Aphids, Colorado potato beetle, Leafhoppers	14 to 20	14.5 to 21	Apply as above, OR for furrow irrigation drill granules 2 to 4 inches on both sides of seed row and 1 to 2 inches below seed piece depth.
		(Arizona Only)		
	Psyllids	14	14.5	Apply as above.
	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	Apply granules with seed pieces in planting furrow and cover with soil, OR apply granules in an 6-inch band and work into the soil or cover with soil to a depth of 4 inches. Plant seed pieces in treated zone.
After Planting At emergence before plants are 3 inches high.	Aphids Colorado potato beetle	14 to 20	14.5 to 21	Apply granules in a 4 to 6 inch band over on top of hill. Cover granules with soil by cultivator or hilling discs. When furrow irrigation is used, side-dress granules 5 to 8 inches on both sides of plant row and 4 inches deep where pest populations are expected 2 to 3 weeks after plant emergence. Do not apply if planting treatment was made.

With county restrictions submitted to EPA 1/10/89

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
PEANUTS				
<u>36" row spacing</u>				
At planting	Thrips	7 to 14	7.5 to 15	Apply granules in seed furrow and cover with soil. In Southwest use high rate only.
Do not exceed a total of 20 lbs. per acre.	Nematodes	14 to 20	15 to 22	Apply granules in a 6 to 12 inch band and work into the soil or cover with soil to a depth of 2 to 4 inches. Plant seed in treated zone.
SUGAR BEETS				
<u>22" row spacing</u>				
At planting or within one week before planting.	Nematodes	27 to 33	18 to 22	Apply granules in a 4 to 6 inch band and immediately work into the soil or cover with soil to a depth of 2 to 4 inches. Plant seed in or above treated zone, OR where furrow irrigation is employed for seed germination, drill granules 3 to 4 inches deep and 3 inches from seed row on water furrow side.
At planting	Aphids	7 to 14	4.5 to 9.5	Drill granules 1 to 3 inches below seed line. Granules can be placed in seed furrow if rate does not exceed 7 pounds per acre. Repeat applications will be required for continued protection against virus vectors (aphid and leafhoppers).
	Leafminers	14 to 20	9.5 to 13.5	
	Leafhoppers			
	Sugar beet root maggot	7 to 14	4.5 to 9.5	Apply granules in a 2 to 3 inch band over seed row and immediately work into the soil or cover with soil, OR where furrow irrigation is employed for seed germination, drill granules 2 inches deep and 2 inches from seed row on water furrow side. For the 7 lb. rate, apply granules in a 1 to 2 inch band in front of the press wheel as the furrow is closing.
At planting plus postemergence (split applications)	Nematodes	14 to 20 at planting and 14 to 20 postemergence	9.5 to 13.5 at planting and 9.5 to 13.5 postemergence	AT PLANTING: Apply granules in a 4 to 6-inch band and immediately work into the soil or cover with soil to a depth of 2 to 4 inches. Plant seed in or above treated zone, OR where furrow irrigation is employed for seed germination, drill granules 3 to 4 inches deep and 3 inches from seed row on water furrow side. POSTEMERGENCE: Apply granules to both sides of plant row and immediately work into the soil or cover with soil or for furrow irrigation side dress granules 2 to 8 inches to water furrow side of plant row at furrow depth. Irrigate soon after application. Apply within 60 days after planting.

With county restrictions submitted to EPA 1/10/89

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
SUGAR BEETS (cont.) Postemergence Do not make any post-emergence application if 27 to 33 lbs/acre were applied at planting or 1 week before planting. Do not make more than 1 'at-planting' application and 2 postemergence applications per crop.	Sugarbeet root maggot	7 to 14	4.5 to 9.5	Apply granules to both sides of plant row and immediately work into the soil or cover with soil, or for furrow irrigation, side-dress granules 4 to 8 inches to water furrow side of plant row and at furrow depth. Irrigate soon after application.
	Aphids	7 to 14	4.5 to 9.5	Apply as above. A repeat application may be required for continued protection against virus vectors (aphid, leafhoppers).
	Leafminers, Leafhoppers	14 to 20	9.5 to 13.5	
Nematodes	27	18	Apply as above. Apply within 60 days after planting.	

DO NOT EXCEED A TOTAL OF 40 LBS. PER ACRE

SOYBEANS		<u>30" to 48" row spacing</u>		
At planting	Mexican bean beetle	5 to 10	5.5 to 11	Drill granules 2 to 3 inches below seed line, OR 2 to 3 inches to the side of the seed row and 2 to 3 inches deep. Granules can be applied in seed furrow if rate does not exceed 5 pounds per acre.
	Thrips Suppression of three cornered alfalfa hopper			
	Nematodes	10 to 20	11 to 22	Apply granules in a 6 to 8-inch band and immediately work into the soil or cover with soil. Plant seed in treated zone.

BEANS (Dried only)		<u>22" to 48" row spacing</u>		
At Planting	Seedcorn maggot	3.5 to 5	4.0 to 5.5	Apply granules in seed furrow and cover with soil.

(Michigan and New York Only)

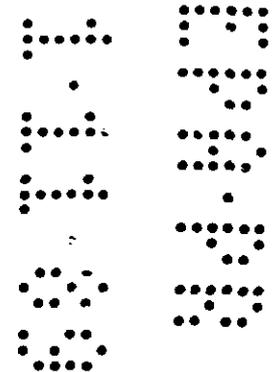
Do not exceed a total of 14 lbs. per acre.	Aphids	5 to 7	5.5 to 7.5	Drill granules 2 to 3 inches below seed line OR, 2 to 3 inches to side of seed row and 2 to 3 inches deep. OR Granules can be placed in seed furrow if the rate does not exceed 5 pounds per acre.
	Leafhoppers Mexican bean beetle Mites	7 to 14		
	Nematodes	7 to 14	7.5 to 15	Apply granules in a 6-inch band and immediately work into the soil or cover with soil. Plant seed in treated zone. Where furrow irrigation is employed, soon after planting, drill granules 3 to 4 inches deep and 3 inches from seed row on water furrow side.

With county restrictions submitted to EPA 1/10/89

Crop & Time of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
SWEET POTATOES				
At planting	Nematodes	10 to 20	48" row spacing 15 to 30	Apply granules in a 12-inch band in opened row. Cover immediately with soil by hilling up 8 to 10 inches. Plant in center of treated zone.
SUGARCANE				
At planting	Nematodes	14 to 20 (Louisiana Only)	60" row spacing 26 to 37	Apply granules in open row on top of newly planted cane and cover immediately with at least 6 inches of soil.
PECANS				
(Southeast Only) Producing trees During period from bud break to nut set, or about April 15 to May 15	Aphids, Mites	33 to 67 (except Florida)	Not Applicable	Apply as a 4 to 6-foot band along dripline on both sides of tree row by spreading granules uniformly and immediately working into soil, OR by shanking 2-3 inches into soil on 12 inch centers.
One to two weeks before bud break.	Suppression of pecan leaf phylloxera	33 (Florida only)		In Florida, apply between January 1 and April 30 only.
Newly transplanted trees (1-5 years ok.) During period of bud break, or about April 15 to May 15 (except Florida)	Aphids Mites	Dosage Ounces TEMIK® 15G/Tree		Apply as a side-dress to individual trees by spreading the granules uniformly Not around the tree and immediately working into the soil to a depth of 2-3 inches.
One to two weeks before bud break.	Bud moth Suppression of pecan leaf phylloxera	5 to 20	Not Applicable	In Florida, do not exceed 20 lbs/A and apply between January 1 and April 30 only.

SEE PREHARVEST AND GRAZING LIMITATIONS

PLANT GROWTH STIMULATION: In the absence of recognizable target pests and under certain growing conditions, stimulation of plant growth by TEMIK® aldicarb on certain crops has been demonstrated under laboratory, greenhouse, and field conditions. Plants may be visibly taller, greener, and denser. Faster grow-off and an increase in fruiting rate and size often are results of the growth enhancement by TEMIK® brand aldicarb. However, such effects do not occur with all crops or under all conditions. Therefore, this product should not be used solely as a plant growth regulator, and its effect as one, should be considered a side benefit which may or may not occur as a consequence of its use.



With county restrictions submitted to EPA 1/10/89

TEMIK® BRAND 15G (GYPSUM) ALDICARB PESTICIDE CALIBRATION GUIDE

APPROXIMATE APPLICATOR SETTINGS* FOR TEMIK® BRAND 15G ALDICARB PESTICIDE (GYPSUM) AT 4, 5 & 6 MPH

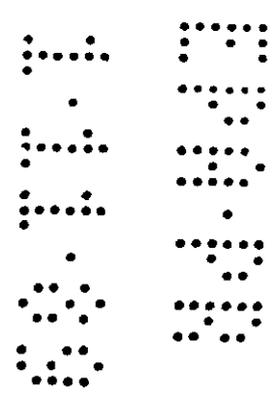
NOTE: This calibration chart is applicable only to TEMIK® brand 15G Aldicarb Pesticide in this container which is formulated for use on a gypsum carrier. All settings are APPROXIMATIONS and must be confirmed by using a calibration tube (See Calibration Guide provided with tube). Calibration tubes are available from your TEMIK® brand 15G Aldicarb supplier.

POUNDS TEMIK® 15G PER ACRE FOR VARIOUS ROW SPACINGS					TYPE OF GRANULAR APPLICATOR														
					GANDY GAUGE SETTING			JOHN DEERE (7100) SETTING			NOBLE E-Z FLOW GAUGE SETTING			CLAMPCO 3/8" FEEDER DIAL RPM					
ROW SPACING					MPH			MPH			MPH			MPH					
22"	34"	36"	40"	48"	4	5	6	4	5	6	4	5	6	5					
1.8	1.2	1.1	1	.8	7	8	9	3**	3**	4**	2	2	3	3					
3.6	2.4	2.2	2	1.7	10	11	12	4**	5**	6**	3	4	5	6					
5.5	3.5	3.3	3	2.5	12	13	14	6**	7**	8	5	6	7	8					
7.3	4.7	4.4	4	3.3	13	15	16	7**	9	10	6	7	8	11					
9.1	5.9	5.5	5	4.2	14	16	18	9	11	13	7	9	10	14					
10.9	7.1	6.7	6	5.0	16	18	19	11	13	15	8	10	12	16					
12.7	8.2	7.8	7	5.9	17	19	21	12	15	18	9	11	13	18					
14.5	9.4	8.9	8	6.7	18	20	22	14	17	20	10	12	14	21					
16.4	10.6	10.0	9	7.5	19	21	23	16	19	23	11	13	15	23					
18.2	11.8	11.1	10	8.3	20	22	24	17	21	25	12	15	16	26					
21.8	14.1	13.3	12	10.0	22	24	26	20	25	28	14	16	19	31					
25.5	16.5	15.6	14	11.7	23	26	29	24	28	30	16	18	21	37					
29.1	18.8	17.8	16	13.3	25	28	31	26	29	32	17	20	23	42					
32.7	21.2	20.0	18	15.0	26	30	33	28	31	33	19	21	24	48					
36.4	23.5	22.2	20	16.7	28	31	34	30	32	35	20	23	26	54					
43.6	28.2	26.7	24	20.0	31	34	37	32	34	37	22	26	29	65					
49.1	31.8	30.0	27	22.5	33	36	40	33	36	38	24	28	31	74					

*All settings for one hopper box outlet per row

**For John Deere gauge setting below 8 there will be great variations in flow rate. A gauge setting of 6 is the lowest recommended setting.

NOTE: THIS CALIBRATION CHART WILL APPEAR ON THE 30 LB. POUR BOX.



With county restrictions submitted to EPA 1/10/89

TEMIK® BRAND 15G (CORNCOB) ALDICARB PESTICIDE CALIBRATION GUIDE

APPROXIMATE APPLICATOR SETTINGS* FOR TEMIK® BRAND 15G ALDICARB PESTICIDE (CORNCOB) AT 4, 5 & 6 MPH

NOTE: This calibration chart is applicable only to TEMIK® brand 15G Aldicarb Pesticide in this container which is formulated for use on a corncob carrier. All rates are APPROXIMATIONS must be confirmed by using a calibration tube (See Calibration Guide provided with tube). Calibration tubes are available from your TEMIK® 15G Aldicarb supplier.

POUNDS TEMIK® 15G PER ACRE FOR VARIOUS ROW SPACINGS					TYPE OF GRANULAR APPLICATOR									
					GANDY GAUGE SETTING			JOHN DEERE MAX EMERGE GAUGE SETTING**			NOBLE E-Z FLOW GAUGE SETTING			CLAMPCO 1/2" FEEDER DIAL RPM
ROW SPACING					MPH			MPH			MPH			MPH
22"	34"	36"	40"	48"	4	5	6	4	5	6	4	5	6	5
1.8	1.2	1.1	1	.8	14	16	17	8	9	10	5	6	7	4
3.6	2.4	2.2	2	1.7	19	21	22	11	13	14	10	11	13	8
5.5	3.5	3.3	3	2.5	22	24	27	14	16	18	13	15	17	11
7.3	4.7	4.4	4	3.3	25	28	30	17	19	21	16	18	21	15
9.1	5.9	5.5	5	4.2	28	31	33	19	21	23	18	22	24	19
10.9	7.1	6.7	6	5.0	30	33	35	21	23	25	21	24	26	22
12.7	8.2	7.8	7	5.8	32	35	37	22	25	26	23	26	29	26
14.5	9.4	8.9	8	6.7	34	37	39	24	26	28	25	28	31	30
16.4	10.6	10.0	9	7.5	35	38	41	25	27	29	26	30	33	33
18.2	11.8	11.1	10	8.3	37	40	43	26	28	30	28	31	34	37
21.8	14.1	13.3	12	10.0	39	43	47	28	30	33	31	34	37	44
25.5	16.5	15.6	14	11.7	42	46	50	29	32	35	33	36	40	52
29.1	18.8	17.8	16	13.3	44	49	54	31	34	37	35	39	44	59
32.7	21.2	20.0	18	15.0	47	52	59	33	36	38	37	42		67
36.4	23.5	22.2	20	16.7	49	56	66	34	37	40	39	45		76
43.6	28.2	26.7	24	20.0	54	66		37	40	44	44			95
49.1	31.8	30.0	27	22.5	59			38	42					

*All settings for one hopper box outlet per row
 **Odd Numbered Housing

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.