

11/27/85
PM 12
11/17

NOV 27 1985

Mr. J. S. Lovell
Union Carbide Agricultural Products Co., Inc.
P.O. Box 12014
Research Triangle Park, NC 27709

Dear Mr. Lovell:

Subject: Addition of Calibration Chart and
Addition of Label Statement Required
by the Aldicarb Registration Standard
Temik Brand 15G Aldicarb Pesticide
EPA Registration No. 264-330
Application Dated November 5, 1985

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.

Submit five copies of final printed labeling before you release the product for shipment bearing this label incorporating the comment listed below.

Add to your Directions for Use section the statement "Do not plant any crop other than those with registered aldicarb uses in aldicarb-treated soil."

Sincerely yours,

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

Enclosure

92953:Ellenberger:162269:RD-85/22:KENCO:11/18/85:Del.11/21/85:AR:VO

162269
17/03
300

CONCURRENCES

SYMBOL	SURNAME	DATE					

2/17

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%

EPA Reg. No. 264-330

EPA Est. No. 10352-GA-01

©UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P.O. Box 12014, T.W. Alexander Drive
Research Triangle Park, NC 27709

TEMIK is the registered trademark of Union Carbide Corporation for aldicarb
pesticide.

MADE IN U.S.A.

APC-2448-473051-12-L

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 27 1985

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

264-330

0354G/Proposed/11-04-85

3/17

KEEP OUT OF REACH OF CHILDREN

D A N G E R P O I S O N

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
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

POISONOUS 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 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 Union Carbide Agricultural Products Company, Inc.

Consultation on therapy can be obtained at all hours by calling the Union Carbide emergency number: 1-(304) 744-3487.

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 Union Carbide at 1-(800) 334-8577.

2/17

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. Run-off from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water or wetlands. Keep out of lakes, streams, and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

IN CASE OF EMERGENCY TELEPHONE COLLECT (24 HOURS A DAY) IN U.S.A.
1-(304) 744-3487
FOR GENERAL PRODUCT INFORMATION CALL 1-800-334-9745

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 APPLY IN SUFFOLK COUNTY, LONG ISLAND, NEW YORK OR DEL NORTE COUNTY, CALIFORNIA.

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 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 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 COLLECT (304) 744-3487 TWENTY-FOUR HOURS A DAY IN THE USA.

PRE-HARVEST, GRAZING, AND ENVIRONMENTAL 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.

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 other than those with registered aldicarb uses in aldicarb treated soil.
- Do not apply this product in Suffolk County, Long Island, New York, and Del Norte County, California.

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 apply in Suffolk County, Long Island, New York, and Del Norte County, California.
- Do not apply more than 33 lbs/A in the state of Florida.

DIRECTIONS FOR USE AND RECOMMENDED APPLICATIONS

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. Do not apply in Kern County, California. To provide maximum performance and to minimize hazard to birds, work granules into or cover to a depth of 2 inches or more. Deep disc any spills at row ends immediately to prevent birds from feeding on granules.

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
COTTON				
At planting	Aphids, Thrips	2 to 3.5	2.5 to 4.5	Drill granules just below place in seed furrow and If seeds and TEMIK are high rates may be reduced by 50%
	Fleahoppers, Leafminers, Mites, Overwintering boll weevil (adults feeding on foliage), Plant bugs, including Lygus	4 to 7	5 to 8.5	
	Nematodes	3.5 to 10 (Except Far West)	4.5 to 12	Drill granules just below place in seed furrow and If rate exceeds 7 pounds granules in a 4 to 6-inch into the soil or cover with seed in or above treated zone.
	Nematodes	14 to 27 (Far West Only)	17 to 33	Apply granules in a 4 to 6 inches below seed line or 6 inches of soil. Plant seed zone.
At first squaring	Leafhoppers, Fleahoppers	7 to 14	8.5 to 17	Side-dress granules 8 to 12 inches side of the plant row and deep (usually at or below seed 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		36 - inch row spacing	
		7	7.5	Apply granules in seed furrow with soil.
		3.5 to 7 (Texas and Oklahoma only)	4 to 7.5	
	Greenbug And Chinch Bug (early season control)	7	7.5	

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
POTATOES				
34 - inch row spacing				
<p>DO NOT APPLY IN SUFFOLK COUNTY LONG ISLAND, NEW YORK. In the following areas, apply at emergence only:</p>				
States of:	Aphids	7	(Maine Only) 7	Apply granules in 4 to 6-inch band over row on top of hill. Cover granules with soil by cultivators or hilling discs. DO NOT APPLY THIS PRODUCT TO ANY FIELD MORE THAN ONCE EVERY TWO YEARS.
Maine and Wisconsin	Colorado potato beetle	14	14.5	
Counties of:	Leafhoppers			
Hartford, CT	Aphids (except in			
Kent and New Castle, DE	Maine)			
Franklin and Hampshire, MA				
Worcester, MD				
Atlantic, Burlington, Cumberland, Monmouth and Salem, NJ				
Newport and Washington, RI				
Accomack and Northampton, VA				
IN ALL OTHER AREAS:				
<u>At Planting</u>	Flea beetles	20	21	Apply granules with seed pieces in planting furrow and cover with soil.
	Aphids, Colorado potato beetle, Leafhoppers	14 to 20	14.5 to 21	Apply as above, OR drill granules 2 to 4 inches on both sides of seed row and 3 to 8 inches deep (usually 1 to 2 inches below seed pieces.)
	Psyllids	14 (Arizona Only)	14.5	Apply as above.
	Nematodes (Except Golden Nematode Root-knot nematodes are suppressed. Verticillium wilt has been suppressed where nematode populations have been reduced.)	20	21	Apply granules with seed pieces in planting furrow and cover with soil, OR apply granules in an 8-inch band and work into the soil or cover with soil to a depth of 4 inches. Plant seed pieces in treated zone.
<u>After Planting</u>	Aphids, Colorado potato beetle	14 to 20	14.5 to 21	Side-dress granules 4 to 5 inches on both sides of plant row and 4 inches deep where pest populations are expected 2-3 weeks after plant emergence. Do not apply if at planting treatment was made.

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
PEANUTS				
		36 - inches row spacing		
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.
	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				
		22 - inch row spacing		
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 drill granules 1.5 to 3 inches to one side of seed row and 2 to 4 inches deep.
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. Apply granules in a 2 to 4-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.
	Leafminers, Leafhoppers	14 to 20	9.5 to 13.5	
	Sugar beet root maggot	7 to 14	4.5 to 9.5	
At planting plus postemergence (split application)	Nematodes	14 at planting and 14 postemergence	9.5 at planting and 9.5 post-emergence	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 drill granules 1.5 to 3 inches to one side of seed row and 2 to 4 inches deep. POSTEMERGENCE: Side-dress granules 4 to 8 inches to one side of plant row and 3 to 6 inches deep (furrow depth). Apply 40 to 60 days after planting.
Postemergence If at planting plus postemergence applications are made, do not exceed a total of 40 lbs/acre.	Sugar beet 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.
	Aphids, Leafminers, Leafhoppers	7 to 14 14 to 20	4.5 to 9.5 9.5 to 13.5	Side-dress granules 4 to 8 inches to one side of plant row and 2 to 6 inches deep. A repeat application may be required for continued protection against virus vectors (aphids, leafhoppers).
	Nematodes	27	18	Side-dress granules 4 to 8 inches to one side of plant row and 3 to 6 inches deep (furrow depth). Apply 40 to 60 days after planting.

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
SOYBEANS				
At planting	Mexican bean beetle	30 to 48 inch row spacing		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	5 to 10	5.5 to 11	
	Suppression of three cornered alfalfa hopper	(Based on 36 inch row spacing)		
	Nematodes	10 to 20 (Based on 36 inch row spacing)	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)				
At Planting	Seedcorn maggot	22 to 48 inch row spacing		Apply granules in seed furrow and cover with soil.
		3.5 to 5 (Based on 36 inch row spacing)	4.0 to 5.5	
		(Michigan and New York Only)		
	Aphids	5 to 7 (Based on 36 inch row spacing)	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,
	Leafhoppers, Mexican bean beetle, Mites	7 to 14 (Based on 36 inch row spacing)	7.5 to 15	OR Granules can be placed in seed furrow if rate does not exceed 5 pounds per acre.
	Nematodes	7 to 14 (Based on 36 inch row spacing)	7.5 to 15	Apply granules in a 6 to 8-inch band and immediately work into the soil or cover with soil. Plant seed in treated zone.
SWEET POTATOES				
At planting	Nematodes	10 - 20 (Based on 48 inch 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.

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
<u>SUGAR CANE</u>				
At planting	Nematodes	<u>60 - Inch row spacing</u> 14 to 20 26 to 37 (Louisiana Only)		Apply granules in open row on top of newly planted cane and cover immediately with at least 6 inches of soil.
<u>PECANS</u>				
<u>(Southeast Only)</u> Producing trees During period from bud break to nut set, or about April 15 to May 15	Aphids, Mites	33 - 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. In Florida, apply between January 1 and April 30 only.
One to two weeks before bud break.	Suppression of pecan leaf phylloxera	33 (Florida only)		
<u>Newly transplanted trees (1-5 years old)</u> During period of bud break, or about April 15 to May 15 (except Florida)	Aphids Mites	Dosage Ounces TEMIK <u>15G/Tree</u>		Apply as a side-dress to individual trees by spreading the granules uniformly 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 - 20	Not Applicable	In Florida, do not exceed 33 lbs/A and apply between January 1 and April 30 only.

SEE PREHARVEST, GRAZING, AND ENVIRONMENTAL 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.

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 rates 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									
ROW SPACING					GANDY GAUGE SETTING			JOHN DEERE (7100) SETTING			NOBLE E-Z FLOW GAUGE SETTING			CLAMPCO 3/8" FEEDER DIAL RPM
					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	5.8	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 LBS POUR BOX.

151

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 and 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									
ROW SPACING					GANDY GAUGE SETTING		JOHN DEERE MAX EMERGE GAUGE SETTING**				NOBLE E-Z FLOW GAUGE SETTING			CLAMPCO 1/2" FEEDER DIAL RPM
					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

NOTE: THIS CALIBRATION CHART WILL APPEAR ON THE 2 x 25 LB. CARTON.

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.