

# 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<sup>®</sup> brand 15G Lock 'n Load<sup>™</sup>



## ALDICARB PESTICIDE

*Supplemental Label*

### CLOSED HANDLING SYSTEM

### For Sale and Use in *California Only*

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. 264-426

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 1-888-AVENTIS (1-888-283-6847)

### 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 over-exposure to TEMIK<sup>®</sup> 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.

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

#### NOTE TO PHYSICIAN

TEMIK<sup>®</sup> 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<sup>®</sup> 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 over-atropinization. Mild cases may be given 1 to 2 mg intra-muscularly 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 Aventis CropScience.

Consultation on therapy can be obtained at all hours by calling the Aventis CropScience emergency number: 1 (800) 334-7577.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER

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.

#### 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.

#### 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. Discard clothing or other absorbent materials that have been heavily contaminated with this product. Do not reuse them.

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.

The Lock N' Load system, when used correctly, qualifies as a closed loading system under the WPS. Mixer/loaders correctly loading this product using the Lock N' Load system are permitted to wear long-sleeved shirt and long pants, shoes and socks, a chemical-resistant apron, and waterproof gloves.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown. The PPE required for applicators and other handlers must be worn when performing all pesticide handling tasks other than loading and application, such as spill clean-up and equipment maintenance, cleaning and repair.

### 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.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### 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 Aventis CropScience at 1-888-AVENTIS (1-888-283-6847).

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, 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.

## 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.

This Supplemental Label must be in possession of the user at the time of pesticide application.

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 to treated areas that is permitted under the Worker Protections 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. Return empty container to point of purchase.

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

#### GENERAL PRECAUTIONS

Use TEMIK® brand 15G Lock 'n Load™ Aldicarb Pesticide only in accordance with label directions, warnings, and precautions. DO NOT USE ON ANY CROP NOT LISTED ON THIS 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 higher rates 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 Lock 'n Load™ 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 groundwater contamination.

Do not apply in Del Norte or Humboldt counties in California.

## PREHARVEST, GRAZING, MAXIMUM USE RATE, AND GROUNDWATER LIMITATIONS

### TO AVOID EXCESSIVE RESIDUES IN OR ON:

#### COTTONSEED

- Apply between March 1 and September 1 only.
- 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.
- Do not exceed a total of 21 pounds per acre.

#### 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.
- Do not exceed a total of 20 pounds per acre.

#### SUGAR BEETS

- Apply only between March 1 and September 1.
- Do not make more than one at-planting application and 2 postemergence applications per crop.
- 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.
- Do not exceed a total of 28 pounds per acre.

#### 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.
- Do not exceed a total of 20 pounds per acre.

#### DRY BEANS

- Apply only between March 1 and September 1.
- 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.
- Do not exceed a total of 7 pounds per acre.

#### 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.
- Do not exceed a total of 20 pounds per acre.
- Treatments must be made with Positive Displacement applicators (see Directions for Use section).

#### 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.
- Do not exceed a total of 7 pounds per acre.

#### ROTATIONAL CROPS RESTRICTION

- Do not plant any crop not listed on this label in soil treated with TEMIK® brand 15G Lock 'n Load™ Aldicarb Pesticide within 10 months after the last application with the following exceptions:

##### Six-month plantback

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

##### Eight-month plantback

- 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.

#### 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 within 50 feet of any drinking water well.
- Do not wash, load, or empty application equipment near any well, as this practice is a potential source of groundwater contamination.
- In fields having soils with less than 15% field moisture holding capacity, special care must be taken not to over-irrigate, since substantial over-irrigation promotes the leaching of chemicals.
- Do not apply in Del Norte or Humboldt counties in California.

#### COMPATIBILITY

Pesticidal activity of TEMIK® brand 15G Lock 'n Load™ 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 Lock 'n Load™ 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 Lock 'n Load™ Aldicarb Pesticide.

DIRECTIONS FOR USE AND RECOMMENDED APPLICATIONS

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 Per Acre	Ounces/1000 Feet of Row	Recommended Application
COTTON At Planting	Aphids, Thrips	3.5 to 5	<u>40" row spacing</u> 4.5 to 6	Drill granules just below seed line or place in seed furrow and cover with soil. If seed and TEMIK® are hill-dropped, TEMIK® rates may be reduced by one-half.
	Fleahoppers Leafminers, mites Overwintering boll weevil (adults feeding on foliage), Plant bugs, including Lygus	4 to 7	5 to 8.5	
	Nematodes (Suppression)	4 to 7		Drill granules just below seed line or place in seed furrow and cover with soil.
At first squaring	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, Plant bugs, including Lygus Nematodes	14	17	
From squaring through early bloom	Cotton leaf perforator Nematodes	14	17	
Do not exceed a total of 21 pounds per acre.	Whiteflies	14	17	Apply before populations reach an economic threshold. Apply for control of moderate populations. Only suppression may be expected for heavy populations of sweet potato whitefly, especially the poinsettia (B)strain (silver leaf).
GRAIN SORGHUM At Planting	Nematodes Greenbug Chinch Bug	7	<u>36" row spacing</u> 7.5	Apply granules in seed furrow and cover with soil.
PEANUTS At planting	Thrips	7 to 14	<u>36" row spacing</u> 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 into treated zone.

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
SUGAR BEETS At planting or within one week <u>before planting</u>	Nematodes	14	<u>22" row spacing</u> 9.5	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 (aphids and leafhoppers).
	Leafminers Leafhoppers	14	9.5	
	Sugar beet root maggot	7 to 14	4.5 to 9.5	Apply granules in a 2 to 4 inch band over seed row and immediately work into the soil or cover the soil, OR Where furrow irrigation is employed for seed germination, drill granules 2 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 at planting and 14 at postemergence	9.5 at planting and 9.5 at 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 into 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 4 to 8 inches to water furrow side of plant row at furrow depth. Irrigate soon after application. Apply within 30 days after planting.
Postemergence  Do not make more than one 'at-planting' application and two post-emergence applications per crop.	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, OR For furrow irrigation, side-dress granules 4 to 8 inches to water furrow side or 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 (aphids, leafhoppers).
	Leafminers Leafhoppers	14	9.5	
	Do not exceed a total of 28 pounds per acre.	Nematodes	14	9.5

Crop & Time Of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
SOYBEANS At planting	Mexican bean beetle Thrips Suppression of three cornered alfalfa hopper	5 to 10	<u>30"-48" row spacing</u> 5.5 to 11	Drill granules 2 to 3 inches below seed line,  OR Two 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.
	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 into treated zone.
DRY BEANS	Aphids	5 to 7	<u>22-48" row spacing</u> 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 rate does not exceed 5 lbs. per acre.
	Leafhoppers Mexican bean beetle, Mites	7	7.5	
	Nematodes	7	7.5	Apply granules in a 6-inch band and immediately work into the soil or cover with soil. Plant seed into treated zone.  OR 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.
SWEET POTATOES At planting	Nematodes	10 to 20	<u>48" row spacing</u> 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. Apply only with positive displacement applicators such as the Horstine Farmery Microband (see calibration chart at end of label), or the Gandy Orbit.

SEE PREHARVEST AND GRAZING LIMITATIONS ELSEWHERE IN THIS LABEL.



TEMIK® BRAND 15G (GYPSUM) LOCK 'n LOAD™ ALDICARB PESTICIDE CALIBRATION GUIDE

APPROXIMATE APPLICATOR SETTINGS\* FOR TEMIK® brand 15G (Gypsum) Lock 'n Load™ Aldicarb Pesticide AT 4, 5 & 6 MPH

NOTE: This calibration chart is applicable only to TEMIK® brand 15G Lock 'n Load™ 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 Chart provided with tube). Calibration tubes are available from your TEMIK® brand 15G Lock 'n Load™ Aldicarb Pesticide supplier.

TEMIK® BRAND 15G (GYPSUM) LOCK 'n LOAD™ ALDICARB PESTICIDE CALIBRATION GUIDE  
TYPE OF GRANULAR APPLICATOR

POUNDS TEMIK® 15G LOCK 'n LOAD  
PER ACRE FOR VARIOUS ROW SPACING

ROW SPACING					GANDY GAUGE SETTING			JOHN DEERE MAX EMERGE GAUGE SETTING**			JOHN DEERE MAX EMERGE II GAUGE SETTING			CASE-IH SERIES 800/900 GAUGE SETTING****		
					MPH			MPH			MPH			MPH		
22"	34"	36"	40"	48"	4	5	6	4	5	6	4	5	6	4	5	6
5.5	3.5	3.3	3	2.5	12	13	14	6***	7***	8	8	9	11	1/6.0	1/6.5	1/7.5
7.3	4.7	4.4	4	3.3	13	15	16	7***	9	10	10	12	13	1/7.0	1/7.5	1/8.5
9.1	5.9	5.5	5	4.2	14	16	18	9	11	13	12	14	15	1/8.0	1/8.5	1/9.5
10.9	7.1	6.7	6	5.0	16	18	19	11	13	15	13	15	18	1/9.0	1/9.5	2/1.0
12.7	8.2	7.8	7	5.8	17	19	21	12	15	18	15	18	21	1/9.5	2/0.5	2/2.0
14.5	9.4	8.9	8	6.7	18	20	22	14	17	20	16	20	23	2/0.0	2/2.0	2/3.5
16.4	10.6	10.0	9	7.5	19	21	23	16	19	23	18	22	27	2/1.0	2/3.0	2/5.0
18.2	11.8	11.1	10	8.3	20	22	24	17	21	25	20	25	29	2/2.0	2/4.0	2/6.5
	14.1	13.3	12	10.0	22	24	26	20	25	28	23	29	35	2/3.5	2/7.0	3/0.0
	16.5	15.6	14	11.7	23	26	29	24	28	30	27	35	41	2/5.5	2/8.5	3/4.5
	18.8	17.8	16	13.3	25	28	31	26	29	32	31	39	45	2/7.5	3/2.5	3/8.0
		20.0	18	15.0	26	30	33	28	31	33	36	44	48	3/0.5	3/6.0	4/2.0
			20	16.7	28	31	34	30	32	35	40	46	50	3/2.5	3/9.0	4/5.5
				20.0	31	34	37	32	34	37	45	49	53	3/7.5	4/6.0	5/3.0

\*All settings for one hopper box outlet per row

\*\*Odd Numbered Housing (0 – 45)

\*\*\*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.

\*\*\*\*Gate/Dial

HORSTINE FARMERY MICROBAND\*

(Using one 3/16" rotor per outlet, part #094006)

POUNDS TEMIK® 15G (GYPSUM) LOCK 'n LOAD™ PER ACRE FOR VARIOUS ROW SPACINGS

ROW SPACING	SPROCKET** COMBINATION					DRIVER/DRIVEN					
	19-34	22-34	25-34	28-34	25-28	22-22	28-25	34-28	34-25	34-22	34-19
22"	5.50	6.40	7.30	8.20	8.90	10.00	11.20	12.10	13.60	15.40	17.80
30"	4.00	4.60	5.30	5.90	6.50	7.30	8.10	8.80	9.90	11.20	13.00
36"	3.30	3.90	4.40	5.00	5.40	6.10	6.80	7.30	8.20	9.40	10.90
40"	3.00	3.50	4.00	4.50	4.80	5.50	6.10	6.60	7.40	8.40	9.80
48"	2.50	2.90	3.30	3.70	4.00	4.60	5.10	5.50	6.20	7.10	8.20
RATIO:	0.550	0.640	0.730	0.820	0.890	1.000	1.120	1.210	1.360	1.545	1.789

• The Microband is based on positive metering. Settings do not need to be changed with different tractor speeds.

• All settings for one hopper box outlet per row.

• For alternative dose rates, different width rotors can be fitted. For example, a 3/8" wide rotor will deliver twice the rates indicated in the above table.

\*Calibrations based upon use of a Horstine Farmery or Canaan 29.5 inch diameter Landwheel drive.

\*\*Sprocket numbers, example: 19 - 34, indicate number of teeth on the DRIVER and DRIVEN Sprockets.

## IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aventis CropScience. All such risks shall be assumed by the user or buyer.

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9/22/97