
	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460	EPA Reg. Number: 241-314	Date of Issuance: SEP 25 2006 SEP 25 2006
	NOTICE OF PESTICIDE: _ Registration <u>x</u> Reregistration (under FIFRA, as amended)	Term of Issuance: Name of Pesticide Product: Counter CR Systemic Insecticide-Nematicide Lock'n Load	
Name and Address of Registrant (include ZIP Code): BASF Corporation, Agricultural Products 26 Davis Drive P.O. Box 13528 Research Triangle Park, NC 27709			
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.			
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the Reregistration Eligibility Decision (RED) for Terbufos, EPA has reregistered the product listed above when marketed in the closed loading system specified on the attached label. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.</p> <p>The labeling submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the following changes and submit two (2) copies of your final printed labeling incorporating these changes before you release the product for shipment:</p> <ol style="list-style-type: none">1. Add the statement cited below at the end of the loader PPE immediately preceding the applicators and other handlers PPE. <p>See engineering controls for additional requirements.</p>			
Signature of Approving Official: 		Date: SEP 25 2006	

2. Remove "mixer" from the statement "Mixer/loaders using engineering controls." appearing in the Personal Protective Equipment (PPE) section. The engineering control for the product is a closed loading system. Additionally, the product is used as formulated without mixing.

3. Relocate the PPE for the use of a "chemical-resistant apron when cleaning equipment, mixing, or loading" from under the PPE for applicators and other handlers to the more appropriate location under the PPE for all handlers performing tasks for which engineering controls are not feasible such as spill clean-up or equipment cleaning. The use of a chemical-resistant apron already appears on the label under the loader PPE and the product is used as formulated without mixing.

4. Reinstate the application instructions for the banded at-planting sugar beet use as they appeared on the previous label received March 27, 2003. They are cited below.

Apply in a 5 to 7-inch band over the row and lightly incorporate into the soil with drag chains or tines.

5. Remove the sentence appearing on page 2 under the heading "important". Some of the PPE information contained in the sentence is inconsistent with the required PPE while other PPE information is redundant.

6. Correct the name of the "Pesticide Telecommunications Network" to the new name, National Pesticide Information Center.

7. Correct the warranty and disclaimer statements as described below so that they are consistent with the Agency policy regarding such statements. The current Label Review Manual (guidance document on the OPP website at <http://www.epa.gov/oppfead1/labeling/lrm/>) incorporates these policy statements. The attachment contains examples of problematic warranty statements. The problematic portions of the label statements are stricken, and necessary language is added in red.

a. Correct the word "should" in the second sentence of the Conditions of Sale and Warranty section to "must". The use of the word "should" could mislead users to believe that the directions for use are only suggestions and not enforceable restrictions on how the product may be used.

b. Add the phrase, "to the extent consistent with applicable law" to the beginning of the first sentence in the third paragraph in the Conditions of Sale and Warranty section. Some states or localities may not allow certain disclaimers of liability or damages; therefore, the user/buyer may have a remedy under other law governing warranties.

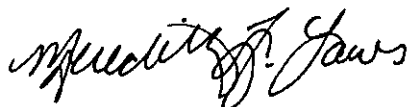
It is understood that the product is no longer being produced or marketed in a conventional open loading system container such as a bag.

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

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

The Agency has completed the cumulative assessment for the organophosphate pesticides (OPs) and finalized the Interim Reregistration Eligibility Decisions (IREDs) for the OP pesticides. The assessment and supporting documents may be found on the Agency's web site at www.epa.gov/pesticides/cumulative and in the docket (EPA-HQ-OPP-2006-0618).



Meredith F. Laws, Chief
Insecticide-Rodenticide Branch
Registration Division (7504P)

Enclosures: Stamped Label
Examples of Warranty Statements

Read the entire Directions for Use, Conditions 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~~ must 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 XXXX. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, XXX makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of XXX is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, XXX disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at XXX's election, the replacement of product.

RESTRICTED USE PESTICIDE

Due to Acute Oral, Dermal and Inhalation Toxicity and Risks to Aquatic Organisms and Wildlife.

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.



BASF Corporation endorses Certification to promote the responsible use of pesticides to ensure the protection of man and the environment.

LOCK'n LOAD®
CLOSED LOADING SYSTEM

**FOR USE IN FIELD CORN, FIELD CORN GROWN FOR SEED, POPCORN,
SWEET CORN, SUGAR BEETS, AND GRAIN SORGHUM**

Active Ingredient:

terbufos: S-[[[(1,1-dimethylethyl)thio]methyl] 0,0-diethyl phosphorodithioate

20.0%

Inert Ingredients:

80.0%

Total

100.0%

EPA Reg. No. 241-314

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
DANGER! / ¡PELIGRO!**

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

FIRST AID	
Organophosphate (A Cholinesterase Inhibitor) CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED POISONING	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to poisoning. Have the product leaflet label with you when calling a poison control center or doctor, or going for treatment. Antidote: Atropine is an antidote.	
HOT LINE	Have the product leaflet label with you when calling a poison control center or doctor, or going for treatment. IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL 1-800-832-HELP (4357).

See inside for **Precautionary Statements, Directions For Use and
Conditions of Sale and Warranty.**



BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709

ACCEPTED
with COMMENTS
in EPA Letter Dated:
SEP 7 1990
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
As amended, for the pesticide
Registered under EPA Reg. No.
241-314

BASF
The Chemical Company

NOTE TO PHYSICIANS

Warning signs and symptoms include weakness, muscle twitching, headache, tightness in chest, respiratory depression, blurred vision, miosis, hypersecretion, nausea, vomiting, diarrhea, and abdominal cramps. If poisoning is probable, treat the patient immediately. Clear airway and provide oxygen before administering atropine. Give atropine intravenously (IV), intramuscularly or through an alternative route such as an endotracheal tube. Depending on severity of poisoning, use 2 to 4 milligrams IV in adults (or 0.05 mg/kg in children under 12 years) every 10 - 15 minutes until fully atropinized as shown primarily by control of pulmonary secretions. Proceed concurrently with decontamination using proper protective gear; for example, chemical-resistant gloves rather than cotton or leather ones. Use soap (preferably, tincture of green soap) and water, or a dilute hypochlorite solution, for decontaminating skin. Maintain atropinization by repeated doses based on recurrence of symptoms. Twenty to thirty milligrams, or more, may be required during the first 24 hours, and preservative-free atropine preparation should be used if large doses are required. Generally, inducing emesis is not advisable. Avoid opiates, parasympathomimetic agents (e.g. succinylcholine), theophylline, reserpine, and or phenothiazines. Suction oral secretions and emesis to avoid aspiration. Artificial respiration or oxygen administration may be necessary. If not contraindicated, gastric emptying by lavage may be considered after ingestion of a potentially life-threatening amount if it can be performed soon after ingestion (within an hour). A slurry of activated charcoal may be medically warranted at an oral dose appropriate for adult, child, or infant. For seizures, give a benzodiazepine intravenously. Observe patient continuously for at least 72 hours. Allow no further exposure until cholinesterase regeneration has taken place as determined by blood tests.

Pralidoxime chloride (2-PAM; PROTOPAM chloride) appears to be an effective adjunct to atropine, especially in those severely ill and if given soon. Before it's administered, obtain a blood sample for cholinesterase analysis. Adjusting for age and weight, pralidoxime may be administered as a continuous infusion after a loading dose or using a bolus method.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

Fatal if swallowed, inhaled, or absorbed through the skin. **DO NOT** breathe dust. **DO NOT** get in eyes, on skin, or on clothing.

DO NOT Breathe Dust.

DO NOT Contaminate Food or Feed Products.

Once a container has been opened, use it completely, make sure the hoppers are emptied while still in the field. Refer to **STORAGE AND DISPOSAL** statement for further instructions.

Keep Out of Reach of Domestic Animals.

Not for Use or Storage In or Around the Home.

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SENSITIVITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product, consult the National Pesticide Telecommunication Network for recommendations regarding such blood tests, poisoning management, emergency treatment, and other information regarding the toxicity of terbufos. The toll-free number for the National Pesticide Telecommunication Network is 1-800-858-7378.

If handled indoors, provide mechanical exhaust ventilation.

Keep all unprotected persons, children, livestock, and pets away from treated areas or where there is danger of drift.

DO NOT rub eyes or mouth with hands. If you feel sick in any way, **STOP** work and get help right away. See First Aid section.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are those made of waterproof material. If you want more options, follow the instructions for **Category A** on an EPA chemical-resistance category selection chart.

When handlers use closed systems or enclosed cabs, 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 using engineering controls must wear:

- long-sleeved shirt and long pants
- shoes and socks
- protective eyewear
- chemical-resistant apron
- chemical-resistant gloves (such as those made of waterproof material)

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading

In addition to the required PPE for applicators and other handlers, all other handlers performing tasks such as spill clean up or equipment cleaning, for which engineering controls are not feasible must wear:

- A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter

Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment. If no such instructions for washables, use detergent and hot water. Keep and wash Personal Protective Equipment separately from other laundry. Wash all PPE after each day's use. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

ENGINEERING CONTROLS: This product is formulated into a **LOCK'n LOAD** system that meets the definition of a closed loading system as defined by the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(D)(4)]. In addition to wearing the required PPE for loaders using engineering controls, loaders must be provided with, must have immediately available, and must wear in case of a spill or equipment breakdown: coveralls, chemical resistant footwear plus socks, and a respirator with an organic vapor (OV) removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE filter.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided with 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.

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 thoroughly and put on clean clothing.
- 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.

FAILURE TO FOLLOW PRECAUTIONS INCLUDING WEARING PROPER PERSONAL PROTECTIVE EQUIPMENT (PPE) MAY RESULT IN SERIOUS OR EVEN LIFE THREATENING POISONING REQUIRING IMMEDIATE MEDICAL ATTENTION. THE ACTIVE INGREDIENT OF THIS GRANULAR FORMULATION CAN BE ABSORBED THROUGH THE SKIN TO CAUSE POISONING.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife and has been known to cause fish kills. Runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of lakes, ponds and streams. **DO NOT** contaminate water when disposing of equipment wastewater or rinsate. See Directions for Use for required buffer zones or setbacks. Birds and mammals may be killed if granules are not properly covered with soil in all areas of the treated field and in loading areas. Cover, incorporate or clean up product that is spilled during loading or that is visible on the soil surface in turn areas.

DO NOT apply in wet soil conditions that may prevent the equipment from covering pesticide granules. **DO NOT** apply to frequently flooded areas.

Under certain field conditions, terbufos and its degradates have a potential for runoff into surface water for several weeks following application.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, whether 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 regulation. This label must be in the possession of the user at the time of pesticide application.

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 interval. 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**. The **48-hour** REI is increased to **72 hours** in outdoor areas where average rainfall is less than 25 inches a year.

Exception: if the product is soil-injected or soil-incorporated, 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.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves (such as those made of waterproof material)
- Chemical-resistant footwear plus socks
- Protective eyewear

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

STORAGE AND DISPOSAL

Storage: Store pesticide products in a secure locked area where children, unauthorized persons, and animals cannot enter. **DO NOT** store in the same area with food or feed. **DO NOT** store opened containers.

Prohibitions: **DO NOT** contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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: Return empty container to point of purchase.

General: Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

BEFORE USING, READ PRECAUTIONARY STATEMENTS AND ENVIRONMENTAL HAZARDS.

Loader and applicator requirements to minimize the potential for runoff to surface water:

- maintain a 500 ft vegetative buffer between treated area and surface water on neighboring land,
- maintain a 500 ft buffer between a standpipe drain outlet and surface water on neighboring land,
- maintain a 66 ft setback between the treated area and entry points to surface water bodies on non-highly erodible soils,
- maintain a 300 ft setback between the treated area and entry points to surface water bodies on highly erodible soils (HES),
- maintain a 66 ft setback between treated area and standpipes on terraced fields as well as a 66 ft vegetative buffer between the tile outlet and entry points to surface water bodies.

All setbacks must be planted to a crop or seeded with grass or other suitable cover and all vegetative buffers must be seeded with grass or other suitable cover.

DO NOT load, rinse or wash equipment within 300 ft from surface water bodies. **DO NOT** load, rinse, or wash equipment within 50 ft from wells unless conducted on an impervious surface.

To prevent channeling of surface water runoff, adjust the planter row-cleaners appropriately to prevent rows lower in height than adjacent soil.

Crops	Pests Controlled	Rates of Counter® CR® systemic insecticide-nematicide LOCK'n LOAD® closed loading system	Application	Remarks
FIELD CORN, FIELD CORN GROWN FOR SEED, POPCORN AND SWEET CORN At Planting	Corn rootworms ¹ Wireworms White grubs Seedcorn maggots Seedcorn beetles Corn flea beetles Maize billbugs Southern corn billbugs Thrips Chinch bugs ² Symphylans Nematodes Lance Lesion Root knot Spiral Stunt Sting Stubby root Dagger Suppression of: Cutworms ³ Lesser cornstalk borers	Banded or In-furrow 4.5 ⁴ to 6 oz. per 1,000 ft. of row for any row spacing. DO NOT exceed 6.5 pounds per acre.	Banded Place granules in a 7-inch band over the row, in front of the presswheel and incorporate evenly into the top 1" of the soil. In-Furrow Place granules directly in the seed furrow behind the planter shoe.	For use on conventional, conservation or no till corn. In situations where crop debris or winds can prevent proper placement of granules, in-furrow applications are recommended. In-furrow applications reduce the potential for insecticide runoff resulting from excessive rain. The presswheel should be adjusted so that the closed seed furrow is higher than the surrounding soil, to reduce the potential for insecticide run-off resulting from excessive rain. ¹ Counter CR controls all species of corn rootworms including southern, northern, western, and Mexican corn rootworms. ² For use in the states of Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi and Texas only. For early season control of light to moderate infestations. ³ Under dry soil conditions or heavy infestations, it may be necessary to apply an insecticide rescue treatment with another registered insecticide after corn emergence to control surviving cutworm larvae. ⁴ The 4.5 oz. rate should only be used on first year corn. Use the high rate on first year corn where heavy rootworm population pressures are anticipated or for control of other pests. If application is made at planting, DO NOT make postemergence or cultivation time treatments of Counter CR. FOR FIELD CORN ONLY (excluding field corn grown for seed): All sulfonylurea containing herbicides* registered for use on corn can be used with BANDED** applications of Counter CR with the exception of Basis™, Basis Gold™ and Accent Gold™. Basis and Basis Gold SHOULD NOT be used if Counter CR (terbufos) has been applied to corn. Beacon™ may be applied seven days after BANDED applications of Counter CR. Exceed™ may be applied 10 days after BANDED applications of Counter CR. * Such as Accent™, Beacon, Broadstrike™ Plus, Broadstrike + Dual™, Broadstrike SF + Dual, Exceed, Hornet™, Permit™, Scorpion™ III, Bicep Magnum TR, Celebrity® herbicide, Celebrity® Plus herbicide, Northstar and Spirit. **Counter CR BANDED ONLY
Postemergence incorporated (Same crops as above)	Maize billbugs Southern corn billbugs	Banded 6 oz. per 1,000 ft. of row for any row spacing. DO NOT exceed 6.5 pounds per acre.	Banded Apply in a 7-inch band over the row of seedling corn plants when billbugs or damage are observed, usually in the 1 to 6-leaf stage of growth. Use cultivators or other suitable implements to lightly incorporate granules into soil.	Only one at planting, postemergence incorporated or cultivation time treatment of Counter CR may be used. DO NOT graze or cut for forage within 30 days of treatment. DO NOT harvest sweet corn within 60 days after application. Consult your state experiment station, state extension service or certified pest management specialist for proper timing of application.
At Cultivation (Same crops as above)	Corn rootworms	6 oz. per 1,000 ft. of row for any row spacing. DO NOT exceed 6.5 pounds per acre.	Apply granules to base of plants just ahead of cultivation shovels so as to cover granules with soil.	

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Crops	Pests Controlled	Rates of Counter® CR® systemic insecticide-nematicide LOCK'n LOAD® closed loading system	Application	Remarks
GRAIN SORGHUM At Bedding	Greenbugs Corn leaf aphids	Knifed-in 5.2 oz. per 1,000 ft. of row for any row spacing (minimum 20-inch row spacing) or no more than 8.4 pounds per acre.	Knifed-in Drill granules 1-4 inches below the seed OR 1-4 inches below the seed and up to 5 inches to the side of the seed.	DO NOT place granules in direct contact with seed as crop injury may occur. Only one application of Counter CR per year may be used. ⁵ DO NOT use banded applications for aphid control in New Mexico, West Texas and the panhandle of Oklahoma. ⁶ For use in the states of Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi and Texas only for early season control of light to moderate infestations.
GRAIN SORGHUM At Planting	Corn rootworms Including Southern corn rootworms Wireworms White grubs Nematodes Greenbugs Corn leaf aphids Chinchbugs ⁶	Banded 5.2 oz. per 1,000 ft. of row for any row spacing (minimum 20-inch row spacing) or no more than 8.4 pounds per acre.	Banded Place granules in a 7-inch band over the row, in front of the presswheel and lightly incorporate with drag chains or tines.	DO NOT graze or harvest grain sorghum forage within 50 days after treatment. DO NOT harvest grain sorghum fodder or grain within 100 days after treatment.
	Greenbugs Corn leaf aphids	Knifed-in 5.2 oz. per 1,000 ft. of row for any row spacing (minimum 20-inch row spacing) or no more than 8.4 pounds per acre.		
SUGAR BEETS At Planting	Sugar beet root maggot ⁷ Sugar beet leafhopper ⁸ Aphids ⁸ Wireworms ⁷ White grubs ⁷ Crown borer ⁷	Banded or Modified In-furrow 3-6 oz. per 1,000 ft. of row for any row spacing (minimum 20-inch row spacing) or no more than 9.8 pounds per acre.	Modified In-furrow Apply in-furrow at planting time 2-3 inches behind the seed drop zone after some soil has covered the seed.	At Planting DO NOT place granules in direct contact with the seed as crop injury may occur. Power incorporation may be used. DO NOT incorporate deeper than 2 inches. ⁷ If especially heavy infestations are expected use the 6 oz. rate. ⁸ Modified in-furrow only at the 6 oz. rate. Only one application of Counter CR per year may be used. DO NOT harvest sugar beets or feed tops to livestock within 110 days after at planting banded, at planting modified in-furrow or postemergence banded applications. DO NOT harvest sugar beets or feed tops to livestock within 150 days of a knifed-in application.
	Suppression of: Cutworms	Banded 6 oz. per 1,000 ft. of row for any row spacing (minimum 20-inch row spacing) or no more than 9.8 pounds per acre.		Postemergence: For sugar beet root maggot control, apply at the time of first fly emergence. ⁹ Postemergence - apply Counter CR at the first sign of crown borer infestation.
	Suppression of: Sugar beet cyst nematode Control of: Beet leafhopper Aphids	Knifed-in 6 oz. per 1,000 ft. of row for any row spacing (minimum 20-inch row spacing) or no more than 9.8 pounds per acre.	Knifed-in Drill granules 2 inches to the side of the seed and 2-4 inches below the seed.	
SUGAR BEETS Postemergence	Sugar beet root maggot Aphids Sugar beet root aphid Sugar beet leafhopper Crown borer ⁹	Banded 3-6 oz. per 1,000 ft. of row for any spacing (minimum 20-inch row spacing) or no more than 9.8 pounds per acre.	Banded Apply in a 5 to 7-inch band over the row and lightly incorporate into the soil with cultivation shovels or other suitable implement.	Postemergence: For sugar beet root maggot control, apply at the time of first fly emergence. ⁹ Postemergence - apply Counter CR at the first sign of crown borer infestation.

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Use Rates as Pounds per Acre*
(based on various row spacings and application rates)
Application Rates (oz / 1000 ft of row)

Row Width (inches)	3 oz.	4oz.	6oz.
40"	2.5	3.3	4.9
38"	2.6	3.4	5.2
36"	2.7	3.6	5.4
34"	2.8	3.9	5.6
32"	3.1	4.1	6.1
30"	3.3	4.4	6.5
28"	3.5	4.7	7.1
26"	3.8	5.0	7.6
24"	4.1	5.4	8.2
22"	4.5	5.9	8.9
20"	4.9	6.5	9.8

* See directions for specific use rates on each crop.

CALIBRATION INFORMATION

FIRST READ THE LABEL.

It is important that applicator equipment be properly set to deliver the labeled rate. This chart will help determine the desired rate of application. When label is 6 ounces per 1,000 feet of row, use these suggested starting gauge settings, regardless of row spacing:

APPLICATOR	MODEL	PLANTING SPEED				
		3 mph	4 mph	5 mph	6 mph	7 mph
John Deere Max-Emerge 2	Models 7200 and 7300	12	13	16	17	20
John Deere Max-Emerge 2 with Chemizer Rotors	Models 7200 and 7300	12	14	17	19	23
John Deere Max-Emerge	Model 7000 & 7100 Odd Notches 5-15-25-35	10	11	13	15	17
John Deere Max-Emerge	Model 7000 & 7100 Even Notches 0-10-20-30	12	15	18	21	23
John Deere 71 Flex-Planter		1/24	1/25	1/27	1/28	2/1
Noble (old)		9	10	13	14	18
Noble (new)		7	10	11	14	15
International Harvester	800 and 900 Series	1/4	1/7	2/1	2/4	2/6
Kinze	Even Notches 0-10-20-30	11	12	15	18	19
Kinze	Odd Notches 5-15-25-35	9	10	12	14	16
White	Model 6000	9	11	13	15	17
Allis Chalmers	78 & 79 series	5	5	5	5	5
Allis Chalmers	#385	5	6	7	8	9
Gandy		10	12	14	15	16
Buffalo	Gauged	5	6	8	8	11
Buffalo	Fluted-Roll Feed	3.5	3.5	3.5	3.5	3.5

NOTE: These settings should be used as starting points only. Continually check the amount of **Counter® CR® systemic insecticide-nematicide LOCK'n LOAD® closed loading system** used against a known length of row or acreage and make further adjustments accordingly. Also, check calibration occasionally to make sure equipment wear, changing moisture conditions, etc., have not caused a change in flow rate.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflects the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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