

CIDETRAK® D

GUSTATORY STIMULANT

ACTIVE INGREDIENT:

Buffalo Gourd Root Powder 43.48%

INERT INGREDIENTS 56.52%

TOTAL 100.00%

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

Calif. Reg. No. 51934-50001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID

If swallowed

- * 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 by a poison control center or doctor.
- * Do not give anything to an unconscious person.

If in eyes

- * 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.

GENERAL INFORMATION ABOUT CIDETRAK® D

CIDETRAK® D is a gustatory stimulant with no insecticidal properties of its own. This stimulant relies on the compulsive feeding behavior by adult corn rootworms and cucumber beetles (*Diabrotica* spp.) on cucurbit bitters, a natural component of buffalo gourd. When mixed with a stomach poison insecticide, CIDETRAK® D stimulates beetles to ingest the insecticide, providing greater efficacy of the insecticide. CIDETRAK® D is formulated to mix with a number of insecticides and to adhere to plant surfaces.

DIRECTIONS FOR USE

MIXING DIRECTIONS: Fill the mixing tank with one-half desired amount of water. With the agitation system operating, add insecticide and after thorough suspension add the recommended amount of CIDETRAK® D. Once the mixture is thoroughly suspended, add the remainder of the water, maintaining constant agitation. Continue to provide agitation during mixing and application.

APPLICATION DIRECTIONS: CIDETRAK® D applications are bait treatments that requires large discrete droplets rather than a full cover spray: A volume mean diameter (VMD) droplet size of 600 µm is recommended. See technical brochure information about how best to achieve this by air and by ground. All screens should be removed from the spray systems, including nozzle and strainer screens, or use screens larger than 6 mesh.

CROP	REMARKS
Corn	AIR: Mix and apply 3.1 oz (87 g) of CIDETRAK® D in 1-5 gal. of water per acre. GROUND: Mix and apply 3.1 oz (87g) of CIDETRAK® D in 5-10 gal. of water per acre.
Cucurbits leafy vegetables and other specialty crops	AIR: Mix and apply 3.1 oz (87 g) of CIDETRAK® D in 1-5 gal. of water per acre. GROUND: Mix and apply 3.1 oz (87 g) of CIDETRAK® D in 5-10 gals. of water per acre. BAIT: Mix CIDETRAK® D with a standard bait using a suitable mixer. Apply according to directions for bait application. NOTE: Do not mix with any additional adjuvants. Do not apply CIDETRAK® D during rain or when rain is expected within 24 hrs of application.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry and locked and storage area in the unopened, original container.

DISPOSAL: Wastes of this product can be disposed of on site or at an approved waste disposal facility. Once mixed with an insecticide, wastes must be disposed of in accordance with the instructions on the insecticide label.

CONDITIONS OF SALE AND WARRANTY

The statements made in these guidelines are believed to be true and accurate, but because of conditions of use which are beyond our control, Trécé, Incorporated does not make, nor does it authorize any agent or representative to make any warranty, guarantee or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements herein. Neither Trécé, Incorporated nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to any other person from handling, storage or use of this material not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

NET CONTENTS: **4 lbs. (1814.4 gms.)/bag**
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CORN ROOTWORM AND CUCUMBER BEETLES

Diabrotica spp.



CIDETRAK® D GUSTATORY STIMULANT TECHNICAL BULLETIN

General Information:

CIDETRAK® D is a gustatory stimulant for corn rootworm and cucumber beetles. It has no insecticidal properties of its own. This stimulant relies on the compulsive feeding behavior by adult *Diabrotica* spp. on cucurbit bitters, a natural component of buffalo gourd. When mixed with stomach poison insecticides, **CIDETRAK® D** stimulates beetles to ingest the insecticide, resulting in greater efficacy of the insecticide. **CIDETRAK® D** formulated to mix with a number of insecticides and to adhere to plant surfaces.

Monitoring:

Please see Trécé's IPM Partner® Guidelines for monitoring *Diabrotica* spp. using PHEROCON® AM No-Bait and PHEROCON® CRW traps.

HOW TO USE*

Mixing Directions:

Begin with a clean mixing tank and spray system. Fill the mixing tank with desired amount of water. With the agitation system operating, add insecticide. After insecticide is thoroughly suspended, add the recommended amount of **CIDETRAK® D**. Following complete suspension add remainder of water. NOTE: Maintain continuous agitation during mixing and application.

Application Directions:

Crop	Remarks
Corn	AIR: For control of corn rootworm adults, mix and apply 3.1 oz (87 g) of CIDETRAK® D with Penncap® M at 1.6 fl. oz., or Sevin® XLR at 3.2 fl. oz., in 1.0 gallon of water per acre. Do not mix with any additional adjuvants. GROUND: Mix and apply in 5-10 gallons of water per acre.
Cucurbits and other specialty crops	AIR: For control of cucumber beetle adults, mix and apply 3.1 oz (87 g) of CIDETRAK® D with 0.5 to 2 oz Entrust® (organic); 1.5 to 6 oz. of Success® (conventional) insecticide or Sevin® XLR at 3.2 fl. oz. in 1.0 gallon of water per acre. Do not mix with any additional adjuvants. GROUND: Mix and apply in 5-10 gallons of water per acre. BAIT: Mix CIDETRAK® D in a suitable mixer and apply according to bait label directions.

NOTE: All screens should be removed from the spray systems during mixing and application, including nozzle and strainer screens; however, when screens are left in place, never use screens smaller than 6 mesh (6 holes per inch).

* **Aerial Application:** Apply **CIDETRAK® D** in 1 gallon of water per acre. The application is a bait treatment that requires a range discrete droplets rather than a full cover spray. A volume mean diameter (VMD) of 600 µm is recommended. To achieve this, use D6 nozzles without cores. Orient nozzles to point straight behind aircraft - NOT towards the ground. CP straight stream nozzles also may be used. To produce a VMD of 600 µm using CP straight stream nozzles, set deflector to straight stream, set nozzle to 0.125-in. orifice diameter, and orient nozzles to point straight behind aircraft. If only conventional CP nozzles are available, set deflector to 30, set nozzle to 0.125-in. orifice diameter, and orient nozzles to point straight behind aircraft. For all nozzle configurations, aircraft should maintain a height of 8-10 ft. above crop during application and travel 100-130 mph.

NOTE: All screens should be removed from the spray systems, prior to mixing and application, including nozzle and strainer screens. However, if screens are left in place, use screens larger than 6 mesh. Never use screens smaller than 6 mesh.

* **GROUND APPLICATION:** Apply **CIDETRAK® D** in 5-10 gallons of water per acre. The application is a bait treatment that requires large discrete droplets rather than a full cover spray. A volume mean diameter (VMD) of 600 µm is recommended. To achieve this, use D4, D5, or D6 nozzles without cores. Orient nozzles to point horizontal to the ground- NOT towards the ground. The boom should be positioned at least 2 ft. above crop during application.

NOTE: All screens should be removed from the spray systems, prior to mixing and application, including nozzle and strainer screens. However, if screens are left in place, use screens larger than 6 mesh. Never use screens smaller than 6 mesh.

* **Bait Application:** Mix **CIDETRAK® D** with standard baits using a suitable mixer either dry or using a small amount of water. Apply at the recommended rate of the bait.

STORAGE AND DISPOSAL

- * Store in cool, dry and locked storage area only in unopened, original container.
- * Do not contaminate water, food, or feed by storage or disposal. Wastes of this product can be disposed of on site or at an approved waste disposal facility. Once mixed with an insecticide, wastes must be disposed of in accordance with the instructions on the insecticide label.
- * Dispose of **CIDETRAK® D** packaging in regular trash or burn according to local guidelines.
- * Dispose of insecticide container according to Manufacturer, Federal, State, and Local authorities.

INSECTICIDE RATE TABLE FOR ADULT DIABROTICA BEETEL CONTROL

Crop	Insecticide	Formulation	Active Ingredient Equivalent
Corn	Penncap-M®	1.6 fl. oz. / A	0.025 lb a.i. / A
	SEVIN® XLR PLUS	3.2 fl. oz. / A	0.1 lb a.i. / A
Cucurbits, leafy green vegetables and other specialty crops	SEVIN® XLR PLUS	3.2 fl. oz. / A	0.1 lb a.i. / A
Cucurbits, leafy green vegetables and other specialty crops	Entrust® Naturalyte Insect Control	0.5 oz / A	0.025 lb a.i. / A
		1.0 oz / A	0.05 lb a.i. / A
1.25 oz / A		0.0625 lb a.i. / A	
1.5 oz / A		0.075 lb a.i. / A	
2 oz / A		0.1 lb A.I. / A	
Cucurbits, leafy green vegetables and other specialty crops	Sucess® Naturalyte®	1.5 fl oz / A	0.023 lb a.i. / A
		3 fl oz / A	0.047 lb a.i. / A
		4 fl oz / A	0.062 lb a.i. / A
		6 fl oz / A	0.94 lb a.i. / A

Note: Follow precautionary statements on insecticide label concerning safe handling and reentry intervals.

Note: Do not apply **CIDETRAK® D** during rain or when rain is expected within 24 hrs. of application.

CONDITIONS OF SALE AND WARRANTY

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 Entrust Naturalyte Insect Control, and Sucess Naturalyte are Registered Trademarks of Dow AgroSciences LLC