CRYMAXT water dispersible granule bioinsecticide is a biological insecticide for the control of lepidopteran pests.

#### Active Ingredient:

Bacillus thuringiensis subspecies kurstald strain EG7841 TOTAL . . . . . . . . . . . . 100.00%

> 2.4 oz. active ingredient per pound Potency: 64,000 International Units per milligram of product. Potency units should not be used to adjust use rates beyond those specified in the Directions for Use section.

## KEEP OUT OF REACH OF CHILDREN CAUTION

## STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Flush eyes with plenty of water. Call a physician if imitation persists.

#### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS Causes moderate eye imitation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

## Personal Protective Equipment (PPE):

Applicators and other handlers must wear.

- Long sleeved shirt and long pents
- Shoes plus socks

mile collection

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or 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.

EPA REG. No. 55638-34 EPA Est. Novi. 39578-TX-1077 , 42761-MS-1004 , 67250-IL-2009 (Subscript refers to last 2 digits of lot number on container.) Net Contents: 5 U.S. Pound Bag

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a cool, dry place inaccessible to children.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### 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, 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 regulation.

#### 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) and restricted-entry intervals. The requirements in this section 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 4 hours.

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: covernils, waterproof gloves, shoes plus socks.

ACCEPTED FEB 15 1996 Under the Pederal Insecticide Fraguide, and Rodenkielde Act. made a for the pecticide - - - C(18-34

Ecogen Inc. 2005 Cabot Blvd. West, P.O. Box 3023 Langhome, PA 19047-3023 215/757-1590 or 800/220-2135

# NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to the uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

**Preharvest Interval:** CRYMAX may be applied to the crops listed in the APPLICATION RATE TABLE at any time, up to and on the day of harvost.

Mode of Actions After consuming a lethal dose of CRYMAX, larvae will cease to feed, but may remain alive on foliage for several days before disappearing. Immediately after ingestion of CRYMAX, larvae begin to move slowly, become discolored, shrivel and blacken prior to death.

#### MIXING INSTRUCTIONS

CRYMAX may be applied with conventional ground, aerial or hand held application equipment with quantities of water sufficient to provide thorough coverage of infested plants. Do not apply this product through any type of irrigation system. To obtain a suitable mixture with water, add enough water to allow maximum agitation. With agitator running, slowly add in the CRYMAX. Continue agitation. Add remainder of water and other spray materials and agitate until mixed. Maintain suspension while loading and spraying. Do not mix more CRYMAX than can be used in a 12-hour period. Hinse and flush spray equipment thoroughly following each use, Do not contaminate water when disposing of equipment washwaters.

In order to make proper decisions on application rates to be used, follow the recommendations in the **APPLICATION RATE TABLE**.

### APPLICATION INSTRUCTIONS

CRYMAX is a bioinsecticide for use against the lepidopteran larvae listed in the APPLICATION RATE TABLE. Larvae must consume deposits of CRYMAX to be affected. Aways follow these directions:

- Make applications when larvae are still small (early instars) and actively feeding on foliage or other plant parts.
- Make applications before noticeable foliar damage occurs.
- Thorough spray coverage is essential for good insect control. For ground applications, directed drop nozzlos should be used for certain vegetable crops.
- When insect infestations are heavy, use the higher label rates, shorten the spray interval, and/or use larger total spray volume to improve spray coverage.
- Applications should be repeated at an interval sufficient to maintain control, depending upon plant growth, insect pressure and weather conditions after spraying.
- For crops such as Fruits, Nuts and Vines, applications are often timed to stage of development and recommendations from local Extension personnel should always be followed:

- Local conditions may affect the use of CRYMAX.
   Consult your State Agricultural Extension Specialist for specific recommendations related to local crop protection problems.
- Spray water/spray tank solutions should not exceed pH
   8.0. If necessary, buffer water to near neutral pH.

#### HAND HELD EQUIPMENT

When using hand held equipment, mix 2 teespoons per gallon of water or 1 1/2 pounds per 100 gallons of spray solution. Spray to wet, but not to runoff.

#### TANK MIX

Combinations of CRYMAX with commonly used insecticides, fungicides, or other spray tank adjuvants are generally not deleterious to performance. It is advisable to test physical compatibility by mixing all components in a small container in proportionate quantities prior to mixing in spray tank. This product cannot be mixed with any product containing a label prohibition against such mixing. No label dosage rate should be exceeded. Application must be made in accordance with the more restrictive of label limitation and precautions.

 For improved durability of spray deposits, a spreader/ sticker approved for use on growing crops may be used for hard-to-wet crops such as cole crops.

## **APPLICATION RATE TABLE**

#### I. TERRESTRIAL VEGETABLE & COLE CROPS

Alfalfa looper
Cabbage budworm Cabbage looper Cabbage webworm Celery leaftler Corn earworm Cross-striped cabbageworm Diemondibeck moth European corn borer erd Green
Pareley Parsinps Persinps Persinps Persinps Portatoes Portatoes Pumpkin Rutabag Salally Shallots Soybean Soyusah Squisah Squisah Turnips

Rate/Acre: 0.5 - 1.5 pounds

#### IL TERRESTRIAL HERBS & SPICES

Crop such st:	Insect Pest
Busit Chives Citantro Oil Oregano Pappennint Thyane	Alfalfa tooper Armyworm Diamondback moth European com borer Green cloverworm Imported cabbageworm Loopers Saltmersh catarpiller-

Rets/Acro: 0.5 - 1.5 pounds

## III. PASTURE & HAY CROPS

Crop such se:	insect Peat
Allelie (nay & seed) Peature (graces & hay) Slage	Affalia caterpillar Annyworm Best armyworm European skipper Loopean Webwerm Yellowstriped armyworm

Rate/Acre: 0.5 - 1.5 pounds

#### IV. TERRESTRIAL FRUIT NUT & VINE CROPS

IV. TERRESTRIAL FRUIT, HUT & VINE CROPS	
Cróp such se:	Insect Peet
Pome and Stone	Cankarworm (Spring & Falls
Fruit Trees: Apples	Cherry fruitworm Eastern tent ceterpiller
Apricots	Fall webworm
Cherries	Fruittree leafroller
Nectarines Peach <del>es</del>	Green fruitworm
Peers	Gypsy moth Nevel orangeworm
Plums	Obliquebanded leafrater
Prunes Quince	Omnivorous leafroller
Canco	Oriental fruit moth Pandemis leafroller
	Peach twig borer
<b>\</b>	Redbanded leafroller
	Redhumped caterpilor Tortrix moth (Orange and Garden)
	Tufted apple budmoth
• ,	Variagated leafroller
·	Walnut celerplier Western teni caterpliar
Nut Trees:	Citrus cutworm
Almonds	Filbert leafroller
Chestnuts Filberts	Filibert webworm Fruittree leafroller
Pecans	Hickory shuckworm
Platachios	Navel orangeworm
Walnuts:	Obliquebanded leafroller Omralyorous leafroller
	Pecan nut casebearer
•	Peach twig borer
	Reditumped caterpillar Roughskinned cutworm
	Western tent caterplier
Citrus	Amorbie
	Citrus cutworm
	Fruittree leaffolier Omnivorous leaffolier
	Orangedog
Small Fruit	Achema sphinx moth
and Berries: Blackberries	Armyworm Blackheaded freworm
Blueberries	Blusberry leafroller
Boysenberries	Cranberry girdler
Cranberriea Currenta	Fruittree leafroller Grape berry moth
Loganberries	Gypsy moth
Raspberilee	Lööpers Obliquebended lestroller
Strawberries	Omnivorous looper
	Tobacco budworm
Grapes	Grape berry moth
	Charry fruitworm Grape leaffolder
·	Grapeleel skaletonizer
	Green fruitworm
-	Orranivorous leafroller Orange tortitk
	Selimerah caterpilar
\$1.5	Yalkowstriped armyworms
Tropleal and Other Fruit:	Amorbia Loopers
Avocados	Orange tortrix
	Orankorous legiroller
-	Omnivorous looper Spanworm
Bananes	Benene aklipper
KIMI	Omnivorous lettroller
Porsimmone.	Clinus culworm
Pomegranate	Fail webworm Filbert webworm
	Ornalyorous legitofler
l	Recificmped ceterpiller
Pineapple	Tent catarpillar Gummosos-Batrachedra
r seculiar	commosas
·	Thecia-Thacia basilidee
Tropical fruits	Hornworms
•	Legitoffers Loopera
kasana <u>kasan</u>	Omnivorque leáfrollar

#### V. TERRESTRIAL FIELD CROPS

WILLIAM STATE STAT	
Crop such as:	Insect Pest
Cancle/Rape Seed Evening Primrose Meadow foam	Armywarm Diamondbeck moth Imported cabbageworm Loopers
Com (Field, Sweet, Popcom)	Armyworm European com borer Southwestern com borer
Cotton*	Beet armyworm Bollworm Cabbage looper Cotton leef perforator Saltmareh catorpillar Tobacco budworm
Норв	Armyworm Loopers Obliquebended leafroller Ontrivorous leaftier Spotted cutworm
Jojoba	Looper (Anacemptodes spp.)
Peanuts	Green claverworm Loopers Podworm Velvetbeen caterpiller *
Rice	Armyworm Green cloverworm Loopers Saltmarsh caterpillar Velvetbeen caterpillar
Saffkower	Armyworm Loopers Saltmersh caterpiliar
Small Grains (Barley, Oats, Rye, Wheel, etc.)	Armyworm Loopers
Sorghum	Europeen com borer Headworm Seitmersh caterpiller Velvetbeen caterpiller
Soybeans	Green cloverworm Profworm Soybean looper Velvetbeen caterpiller
Sunflowers	Banded sunflower moth Beet armyworm Headmoth Loopers Sunflower moth
Tobacco	Tobecco budworm Tobecco hornwarm Laopens

#### Rate/acre: 0.5-1.5 pounds

"Use CRYMAX at 0.25 Evacus to control light to moderate populations of newly. "Use CFTMAX at U.25 to/scre to control light to moderate populations of newly hotohed lobscop budworm and bollworm in integrated part mentagement programs. Repeat treatments at four to the day intervals or as long as necessary until results are acceptable. Oxicides or synthetic pyretizoids can be combined with CRYMAX in accordance with the scare restrictive of label finitetions and precautions. No label dosage rates should be exceeded. This product correct be mixed with any product containing a label prohibition against such mixing.

#### YL TERRESTRIAL COMMERCIAL FLOWER & ORNAMENTAL PLANTS

Crop such sa:	Insect Pest
Bedding plants Flowers (Greenhouse end field) Greenhouse Ornamentals Vagetables Container stock	Armyworm Azalea moth Beet emyworm Diamondbeck moth Ello moth (hornworm) Florida fern ceterpiller Io moth Loopers Cleander moth Omnivorous leafroller Omnivorous looper Tobacco budworm

Rate/Acre: 0.5 - 1.5 pounds

#### **YIL FOREST, SHADE TREE & HURSERY STOCK**

Crop such es:	Insect Pest
Forest Shade trees Nursery trees	Bagworm Blackheaded budworm Browntell moth California oakworm Douglas fir fussock moth Elm spanworm Fall webworm Fruittree leafroller Greenstriped mapleworm Gypsy moth Jack pine budworm Mimosa webworm Pine butterfly Redhumped ceterpillar Saddle prominent ceterpillar Saddle prominent ceterpillar Spring and Fall cankerworm Spruce budworm Tent caterpillar Tortrix Western tussock moth

Rete/Acrec 0.5 - 1.5 pounds

#### YIII. TURF

<u> </u>	
Crop such as:	Insect Pest
Turf	Arrryworm Sod webworm Tropical sod webworm

Rele/Acres 0.5 - 1.5 pounds

## WARRANTY AND CONDITIONS OF SALE

Ecogen warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

ECOGEN MAKES NO WARRANTIES OF MERCHANTABILI-TY OR FITNESS FOR A PAHIICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable, refund of the purchase price. In no case will Ecogen be liable for incidental, consequential, or special damages resulting from the handling, storage or use of this product.

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Patent Pending

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