U.S. ENVIRONMENTAL PROTECTION AGENCY	EPA RESISTRATION NO.	DATE OF ISSUANCE
OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (NN 567) WASHINGTON C.C. 2'4FU	TERM OF ISSUANCE	
Sheciera co	NAME OF PESTICIDE PRODUC	<u></u>
NOTICE OF PESTICIDE: THE GISTHAT CH		
(Under the Federal Insecticide - Fungicide und Rodenticide Act, их amended)		
NAME AND ADDRE'S OF REGISTRANT (Include ZIP code)		1
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L	T	1
NOTE: Changes in labeling formula differing in substance f submitted to and accepted by the Registration Division prio product always refer to the above U.S. EPA registration num	r to use of the label in commerc	n with this registration must be re. In any correspondence on this
On the basis of information furnished by the registrant, the the Federal Insecticide, Fungicide, and Rodenticide Act.	shove named pesticide is hereb	y Registered/Reregistered under
A copy of the labeling accepted in connection with this Re	gistration/Reregistration is ret	urned herewith.
Registration is in no way to be construed as an indursement health and the environment, the Administrator, on his motio icide in accordance with the Act. The acceptance of any na Act is not to be construed as giving the registrant a right to by others.	n, may et any time suspend or come in connection with the regis	cance) the registration of a pest- stration of a product under this
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ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL.	-	DATE
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COSMOS BTK

FLOWABLE CONCENTRATE
Biological Insect Control

MOCEPTED
WITH COMMENTS
TO EPA Letter Dates

SEP13 1984

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FLOWABLE CON Biological Ins

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manne, inconsistent with its labeling

BTK (Bocilius thuringients) Flowable
Concentrate provides best control when
caterpillars are newly hatched (1st or 2nd
instar) and most susceptible to the product
which must be eaten. Good leaf coverage is
essential to achieve effective insect control
Higher rates are generally necessary when
infestations are heavy and foliage is dense

For armyworm control, apply to plants and thoroughly to adjacent soil when larvae are young.

To obtain a suitable mixture with water, pour the recommended amount into a 1/4 filled tank and agitate. Fill tank and maintain agitation until the mixing process is complete. BTK is compatible with various insecticides, fungicides, spreaders, and stickers except those that are highly alkaline in nature. Reagitate if dilute spray is allowed to stand for more than 6 hours.

For most trees, the recommended amount of product may be applied by high pressure hydraulic sprayers in 100 gallons of water per acre Cover foliage thoroughly, but avoid runoff Mist blower applications may use 10-20 gallons of water per acre

For vine, pome, citrus and tropical fruita, use recommended amount per 100 gallons water and apply 100 to 500 gallons of spray dilution per acre

Aerial application should use recommended rates in up to 10 gallons of water per acreduring early morning or evening hours when winds are low Spreaders and stickers improve coverage and are recommended.

For small quantity, use 2 teaspoonfuls or one tablespoonful per gallon of water

Mote: Because the active ingredient, Burillus thann pensis, is exempt from tolerance requirements, this product may be applied up to the day of harvest and in storage

Moties: Local conditions may affect the use of BTK. Consult State Agricultural Extension or Experiment Station Specialists for specific recommendations related to local crop protection problems. Cosmos Properties makes no warranty, express or implied, including the warranties of commercially acceptable quality and/or fitness for any particular purpose concerning this material, other than those which are contained on this label

ACTIVE INGREDIENT: Bacilius thuringiensis Berlinei H-3a3b, fermentation product, 80,000 International Toxic (dry weight basis)*
INERT INGREDIENTS

*Equivale: to 8.8(-) ITU per milligram product or 35 billion I

CAUTION: KEEP OUT OF REACH

PRECAUTIONARY STATEMENTS

Resards to Humans: Avoid inhalation or contact with

STORAGE AND DISPOSAL

Storage: Tightly reclose containers of unused BTK. Store be impaired by continuous storage at temperatures about pisposal: Drums can be used for non-food products after water. Smaller sized containers should not be reused discard container according to local trash disposal reg

COSMOS FLOWABLE

EFA Registration No. 44344-5 MA Bet. To. 48364-DB-01 Wet Contents: 4.0 gale 4.44 L Lot. Ho.

Onemos Properties, Inc. Suite 828 824 Market Street Wilmington, DE 19801

Product of United States

APPLICATION. LIES FOR COSMOS STK FC

Peat	Quarte/Acre
Arayworms	1.5
Tomato fruitworm/Corn carworm/	
Nollworm.	1 - every 5.7 days /
Variedated cutworm	1
Selt march ceterpillar	i= 1
Mimosa webworm	• 1
Tobacco budworm	·• 1
Loopers, Melouworm, Pickleworm	4 I
Diamondback moth	• •
Imported cabbageworm	14 M
Green cloverworm	tag Sag
Rozeworm	·4 *
Tobacco budworm	4a 1
Loopers	3e 1
Kernworms	14.36
	Armyworms Tomato fruitworm/Corn earworm/ Bollworm Variagated entworm Salt marsh caterpillar Mimosa webworm Tobasco badworm Loopers, Malosworm, Pickleworm Diamondback moth Imported cabbageworm Green cloverworm Horsworm Tobasco badworm Loopers

To control tobacco moth during storage use 3 fluid or or 6 tablespoonfuls in one gallor water per 400 lbs tobacco uniformly applied as a spray mist to leaf surfaces before brinding or to opened bundles and to walls and floors of storage area.

Munta Pearus Affaifa, Soyteans Sunflowers Hay Pastures Small grains Forage on ps Common cloverworm	
Soyheans Surdiowers Hay Pastures Small grains Velvetbean ceterpillar	·• 1
	1- 1
	4-1
	·• 1
Ekipperi	146-118
Alfalfa ceterpillar	19 14
Tuf. Bod webworm	2 4

	Alfalfa ceterpillar	** **	
Turt	Red webworm	2 4	
Rangeland	Rangeland cateryillar	14.14	
Grapes Blueberries	Grapeleaf skeletoniser	15 1	
Blackbernes, Curranta	Loopers, Sait march ceterpillar	15 l	
Raspherries	Grape leaffolder/leafrollers	¹5 l	
Strawtierries	Rornworms	14.34	
Dewbernes			
cotton	Loopers	ا د ^ر ا	
	Tobacco budworm	¹ 4 1	
	Bollworm	4.1	

Apply at first sign of 1st and 2nd tristar budworms or bollworm larvae. Use at least 7 gallons total spray with ground equipment or 2.5 gallons, acre with aerial equipment T) continue worm suppression reapply at 3.5 day intervals or use scouting report recommendations

HTK at 25 to 10 quart, acre may be tank mixed with methodyl at 225 to 675 lbs active ingredient (A), acre to sup, ress indestations of early instar larvae

es Wainuta dis Pecans dis Shade trees dis Shade t	matrollers, Orem fruitworm makerworms out enterpillers othumped enterpiller all webworms	78. 52 78. 2 78. 2 74. 2 74. 2 74. 2 75.	1.2 h . h . h . h . h . h . h . h .
ds Pecans Las. Cos. Pears Transcore Las Shade trees. An acental plants. Personal Las	matrollers, Orem fruitworm makerworms out enterpillers othumped enterpiller all webworms	19 . 14 . 14 . 15 . 16 .	18 . 19 . 19 . 19 .
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nental plants. P		1 4	
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re 👣	THE BELLEVILLEY.	:	:
W	THE BUCKSTON	1 2	1.2
	estera sprace budworm	1	:
D	oughes für trassock moth	:	1
D	iamondback moth	14 M	:
0	ypsy moth	va 2	: 2
T	lm spanworth	m l	~a 1
	egworm, Saddied prominent	→ :	4 .
£	<u>addichack</u> out spiller, Lastrollers	yns 1	~ 1
L	copers, Western tessock moth	·• 1	~]
T.	obacco bužworm/Bollworm/ Corn earworm	~ 1	·• :
L	moth, Mimosa webworm	· 1	Mg 1
J	ack pine budworm	% i	·a ;
0	leander moth	·n 1	· • 1
7	III webworm	**	**
T	ent caterillare	·• 1	·• :
7	edhumped ceteryiller	• 1	·• 1
C	ankerworms, Oakworms	• 1	·• 1
14	loraworms	• 1	• :
	0 7 7 8 0	Oleander moth Fill webworm Test caterillars Redhumped caterpillar Cankerworms, Oakworms Rornworms	Oleander moth Fill webworm Tent caterillars Redhumped exterpillar Cankerworms, Oakworms

Quarte/100

Quarts/Acre

(Air

Gellose

(Ground

expansion is 40 80% Repeat in 1 to 3 weeks if needed

For best control of spruce budworm, apply when 50% of the larvae are to the 3rd or 4th

Citrus,	Leafrollers, Hormyrorms, Loopers	** 1	19.3
Tropical fruits	Orangedog	** **	
grain legumes, peamute, oilseeds, and other seeds	Indian meal moth Almond moth Mediterranean flour moth		s 100 gallers Poz gallen

Continuously agreate spray solution and spray as the rate of six purits per ten bushels to grain going into storage bins or bags on a conveyor or auger to obtain thorough mixing Alternately, the top 4.6 inches of grain in a bin may be treated during the bin filling process or after filling with one quart in tengallons water per 500 square feet surface area and raked in