5905-196 3-3-13 Best Available Coty

BRAND

GYTHION

THE PREMIUM GRADE MALATHION

*(0,0-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate) *Also known as Cythion'.

(ONE GALLON OF CYTHION CONTAINS 5 POUNDS OF MALATHION)

C A U T I O N KEEP OUT OF REACH OF CHILDREN. SEE OTHER CAUTIONS ON SIDE PANEL.

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin. Wash thoroughly with soap and water after using. Remove contaminated clothing immediately. Keep out of reach of children. Do not use on animals. Do not contaminate feed or foodstuffs. This product should not be used for any purpose other that that suggested on the label.

Do not apply this product where there may be grazing by dairy animals or animals being finished for slaughter.

Keep all unprotected persons out of the operating area or vicinity where there may be danger of drift.

NOTE TO PHYSICIAN

Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

COMBUSTIBLE

KEEP AWAY FROM OPEN FLAME

DO NOT REUSE CONTAINER FOR ANY PURPOSE

Trademark Agricultural Division American Cyanamid EPA REG. No. 5905-196

MANUFACTURED BY HELENA CHEMICAL COMPANY

Wesn Helenz, Ark. — Tampz, Flz. — Lubbock, Texas Des Moines, Iowa — West Columbia, South Carolina

1	<i>f</i> **
	APPLICATION
	PEST RATES
PEPPERS	Aphide 1 pt.
(50 1100	Pepper maggots 24 pts.
	APPLY WITHIN J DAYS OF HARVEST.)
POTATOSS	Aphids Leafhoppers 1 pt.
	False chinch bugs 15 pts.
<u></u>	Mealyhuns 1 pts.
	ROOT CROPS
Beets*	Aphids 15-2 pts.
	APPLY WITHIN 7 DAYS OF HARVEST.)
Carrets	
	Leafhoppers 24 pts.
	APPLY WITHIN 7 DAYS OF HARVEST.)
Horsera	a anhide 15-2 pts.
Parsnig Apply U	SIFORMLY OVER SOIL AROUND BASE OF PLANTS.
Radishe	s
Salsify	Aphids 11-2 pts.
Rutabas	APPLY WITHIN 7 DAYS OF HARVEST.] Aphids 1 pts.
(DO 507	APPLY WITHIN 3 DAYS OF HARVEST.)
Sweet 2	otatoes Leathoppers 13-2 pcs.
	Morning-glory leafniners 25-3 pts.
Ing yor	APPLY WITHIN 3 DAYS OF HARVEST.)
*537799	Wooly apple aphid Bud moth 1 pt.
	Green apple aphid 15 ots.
	Rosy apple aphid 15 pts.
	Mealy bug 1-2 pts.
	Codling moth Plum curculio
	Red-banded leaf
	coller 2 pts.
(DO NO)	
APPLES	LIAGS ON SOME VARIETIES.) Forbes scale 1 pt.
	to the analysis of the recommended
	rions of Avyutov with other insecticides — A
for con	trol of insect complex on apples. CYTHION TABLE LIQUID MAY CAUSE INJURY TO MC INTOSH
AND DE	TLAND VARIETIES.
APPLES	Wooly apple aphid
	t and Green apple aphid dormant Rosy apple aphid
sprays	Mites 1 pt.
-p-10/1	Red banded leaf rolle:
	of 57% emulsifiable liquid plus 1 gallon
ರ್. ಕಾಗರ	erior oil per 109 gals, of water, MAKE
	OVERAGE DORMANT OR DELAYED DORMANT SPRAYS
ONLY.	TS Codling moth
MENTCO	Orange toctrix
	Terrapin scale
	Soft brown scale Aphids 1 <u>1-</u> 2 pts
(EO NO	
AVOCAC	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Greenhouse thrips
	Omniverous looper
	Orange tortkix Soft brown scale 15 pts.
(DO NO	Soft brown scale 15 pts.
CHEPAI	
	aphid 14 ots.
	Fruit tree leaf
	rotler 15 pts. Cherry fruit fly
	Bud moth 1 pt 1
INJURY	MAY OCCUR ON CERTAIN VARIETIES OF SWEET
CHERRI	ES PARTICULARLY IN THE HORTHWEST , (DO NOT HITHIN) DAYS OF HARVEST. MAY INJURY FOLIAGE
	VARIETIES.)
CITRUS	- (CONSULT LOCAL SPRAY SCHEDULES FOR RECON-
	VOLUMES OF SPRAY PER ACRE.)
Grape:	F
Oranye	Purple scale
Tange	ines, Balck scale
'Tange!	
Kumqui	brooded) Soft scale
	Citricola scale 1-15 pts.
. 50 %	F APPLY WITHIN 7 DAYS OF HARVEST.)
FIGS	Dried fruit 2 qts. plus
	beetles 1-2 gals. Vinegar beetles unsulfurized
	molasses per
(100 -11-	acre
322 No	APPLY WITHIN 3 DAYS OF HARVEST.)
NOTE:	
THOFU:	HE COVERAGE. INJUSY MAY OCCUR ON GRAPES CER. ITALIA, CARDINAL AND ALMERIA VAR-
TETTE	WHEN SPRAYS CONTAINING CYTHLON' ARE AD-
55160	AFTER THE COUSTERS APPEAR.
NURSE	of STOCK Overwintering
GRAPE For	recentral of overwintering grape phylloxera
on hus	mery stock grape vises, remove excess soil
from	pery stock grape vines, remove excess soil the foots and dip in a solution made up of pints of CYTHION [®] emulsifiable liquid in
1 to :	figures of CYTHION emulsifiable liquid in
SV ga	tions of water. Submerge the entire root hin the solution for 5 minutes. Keep the
solut	ion agitated at all time. Fifty gallons
ပင် နက	Licion will treat approximately 500 nursery
atork (m u	APPLY WITHIN 3 DAYS OF HARVEST. EMULSION
MAY C	USE INJURY TO FOLIAGE ON SOME VARIETIES.)

		APPLICATION	
E. CP-T	PEST	RATES	CR32
CEONER	Aphron Mites	. ، • بر 2 جا ا	Junglomental Surface S been filled, jevel our spraylog. Apply surfa
	Grasshoppers		Constinut. Apply surfa-
(n)	Clover leaf weevil	The press	of Promium Joseph Malabi Name and amplifue the name of the Specians A
(DO NOT APPLY WIT	HIN / DAYS OF HAPVES GRASS CHOPS	Marier i sa	Liber to the second
Grass 6 Grass Hay	Grasshoppers	15-2 ρts.	than the fless week in Labelate treatment I wa
Grais hay	ar transples a	OR L'y pris.	freatments at 2 month type pawer scrayer equ
		in Light. dieset fünk	type power porayer equ %le capable of felliver %lefter application 60
	Aphids		latures or Gail. Other ment until late winter
•	Leafhoppers	OR 15 pts. in 1 jal.	NOTE: Both FC and WE:
		dieset fucl	orderum. Labels for E
	Armyworns	pil. 2 pts. OR	For a residual wall, fl
	•	ly pts, in Ligal, die-	in grain elevators, in cars, and ships holds h
		sel fuel	l gallon of CYTHION pe
Apply by aircraft	t or turbine-blower	oil.*	chorough application COTTON Boll
Pasture & Range	Grasshoppers	15-2 pts.	Deser
Grass	O. assnopper a	OR I pta.	mite Cotto
	•	in i gal. diesel fobl	Leafh White
	Aphids	011.4	Cotto
	Leafhoppers	15-2 pts.	Cotto fora
		OR lypts. in 1 gal.	Thris Lygus
		diesel fuel	Float Fall
*Apply by aircra	t or turbine-blower		Grass
Barn qrass			Garde MINT Aphio
Canary grass Fescue	Cereal leaf		Spide
Orchard grass Red top	beetle	1-14 pts.	<u>Leaf)</u> Adul (
Timothy			Cate: (DO NOT APPLY WITHIN
Yallow foxtail	GPAIN CROPS		PEANUTS Their
Barley, Corn, Oats, Wheat	Cereal leaf	1.16	[DO NOT APPLY WITHIN !
(POSTHARVEST 51	ORAGE TREATMENT ONLY	1-15 pts.	RICE Rice
Barley, Oats, Rye, Whest	English Grain aphid	•	100 NOT APPLY WITHIN 7
	Greenbugs Grasshoppers*	15 pts.	SAFFLOWER Aphi Lygu
	*make full coverz	ige to hatching	Gras [DO NOT APPLY WITHIN 3
	areas when nymph	2 pts.	
(POSTHARVEST ST	OFAGE TREATMENT ONLY	1 ¹ 3-3 pts. OR	(DO NOT APPLY WITHIN 3 SUGAR BEETS Aphi
- LANDS (wasteler	ds,	l≒-3 pts. in	Spid
roadsides, soi) bank lands not		l gal, die- sel fuel	Gras (DO NOT APPLY WITHIN 7
grazed) *Apoly by airca	aft or turbine-blowe	oil.* er sprayer, Re-	TOBACCO Aphi
peat application	ns may be needed aft ments to crops take	er hatching	VETCH Pea
	STORED GRAIN		DO NOT APPLY WITHING
Wheat, Oats, Rice, Corn,	Confused flour beetle	1 pt. per 1000 bu.	TURING.) ALFALFA Aphi
Rye, Barley, Grain Sorghum,	Rice weevil Granary weevil	in 2-5 gals. water	Pota
Field or Garden Seeds.	Saw-toothed grain		Spid Alfa
3 44 03.	Flat grain beetle	•	Spit Gras
	Ped flour beetle Leaser grain bore	ar	Spot
	Indian meal moth		aph Clov
Peanuts (Stored	unshelled) For protabove in STORED GRAI	tection against	Pea Lyqu
	ns Premium Grade Mai		(DO NOT APPLY WITHIN 7
Egulatriable li	quid as follows:	raintou 30.44%	ASPARAGUS Aspa
Residual Wareho	use Spray - Before :	Storing Peanuts:	Thri (DO NOT APPLY WITHIN)
Clean warehouse mains of peanut	ise Spray - Before : thoroughly of trast i 1 to 2 weeks befor Thoroughly spray i	n and old re- re new peanut	BEANS Mexi
			(Lima, green, <u>be</u> snap, navy, red <u>Spid</u>
eracks and prot- height of 5 to 5	ected places) outsided ft., and the group	de walls to nd to a distance	kidney, wax, <u>Jap</u> a cowpeas, black- Aphi
of about 6 ft.	ected places) outsit 5 ft., and the grow from warehouse by di Grade EC in sufficient	iluting 1 pt. of	eyed peas! Cucu
mary 2 1/2 gals	. of spray or 1 gal y finished spray at	with 19 gals.	*Make 2 or more application to NOT APPLY WITHIN 1
₹ per 1000	g, ft. or to runof	C.	ORT BEANS Lygu
Sule Gray Trea	tment - Peanuts Go: of 55.845 Premium oper 15 tons of farm	Into Storage:	Nothwestern V. S.)
rain water	COUC COOPS AND LEAFY		
POST 6 TARY 23	ir a storage. App.	IV CORERA HOTAV	broccoli, Harl
Cation to flow	ferably use a suital r which regulates re of peanuts. Otherw	ise. majust	Turnips (D) NOT Cabb APPLY WITHIN 3 for
freesure and si	ze of nozzle opening	g to refer of	DAYS OF HAR TEST) or Brussels sprouts, impo
	•		Cabbage, Cultards, wo Candelions, Kale, los

APPLICATION APPLICATION PEST RATES RATES CRIEBY

[Anise and Aphilis | Splice pites | 14 pts |
and stalks | Splice pites | 14 pts |
and stalks | Splice pites | 14 pts |
and stalks | Splice pites | 14 pts |
and stalks | Splice pites | 14 pts |
and stalks | Splice pites <u>Porevi</u> After warehouse has ripoe of negata before Fig. of heanuts before acceptable by the party party 1-3/1 lb.

Main spray many 1-3/1 lb.

Main 25/6 WP in 2 pais, of e rate of 2 pais, per 1900 apply first treatment as and leveled, but not later a detaber. Apoly the isecond both later, followed by intervale. Use a piston pulpoped with agitator and noz rinh a coarse apray. Repeat 0 down later if warm temperaries, delay further treatments. Leafhagers 2.pts.
Aphids 2.pts.
Cubile loopet 3.pts.
Cubile loopet 1.pts.
Cubile loopet 1.pts OF MAR ST.

SPINAC: Aphids 2.pts.

[D1 No. GPN W MIN 7 MAYS OF HARWIST]

CORN Aphids

(Field, James Sep beetle
Not Popp Thrice are to be used in the full EC should refer also to the m, and vice-versa. ib pes. floor, and machinery spray a treating truck heds, box before loading grain, apply per 25 gallons water, making Corn rootwarn adults (for protection of ____ 1-2 cts. EMOLSH HABLE 1900. (DO NOT APPLY WILLIN 5 DAYS OF HAPVEST FOR GRAIN OR FORAGE USE, POST ARVEST TREWINGST ONLY.) e on aphid thoppers te flies ton leafworm ton leaf per-rators CUCURBI TS Lohids Spider mites 15 pts.

Pickleworn 15 pts.

Curumbar beetle 3 pts.

TOO NOT APPLY UNITS PLANTS ARE ios Los bugs HAPPLY UNIFORMLY CYER SOIL AROUND BUSE OF PLANTS.) 1-2 gts. • 1-11 pts. hoppers DANG ASSESSMENT DAY F SAR DET.) shoopers 15-1 pts. lan webworms Selo: s (Carcoloupes, ids. Chambes, Crun-shaws, Honeydev Heney balls, Muskrelors, Water elons, Jo Spider mites 15 pts. ier mites 15 ots Cucamber fhopper lt flea beetle erpiliars beentes 2 pts.
100 NOT APPLY UNIESS PLANTS ARE 15 pes. 7 DAYS OF HARVEST.1 Hydrid of those 121% : APRIL 21 POMPSITS HIT I DAY OF EARLEST, I ips 15 pts. ID DAYS OF (AR.EST.)

• leaf miner 21 pts.

• stink bug 1-1; pts. Aghids

Nites

Spash vice

Spash vice

Lots

Lot Sir Apply wites Plants Applies

Applies

Applies

Presented to Fingers, CYTHON should be used in combination with other recommended insecticates

Applies

Space Applies Space These Spaces

Applies Spaces These Spaces These Spaces Spaces These These Spaces These These Spaces These Aphids e stink bud | 1-15 pts. 7 DAYS OF HARTEST. ids us bugs sshoppers 13-2 pts. sshoppers

DAYS OF HARVEST.

CAN bean bean beside 22-1 pts.

DAYS OF HARVEST. ıds der dites 15-2 pts.
asshoppers 10-3,
7 DAYS OF MARKEST,
11-3 pts. Sprier ortex 14 pts.
Pickleworm 2 pts. Pickieworm Squash vine borers aphid ch bruchid 15-2 pts.
7 DAYS OF HARVEST OR PASids solder rites 1 pt. ids ato leafhopper der mitea alfa weevil larvae DOE DIN 3 DEG.
WER SOLL AR DOES ARES OF PLANT.]
CHE 3 DAYS ON TRIES CRIOSS.]
Aphids CAPETO DEEKS stra weevil lives telebug 15-2 pts.
sahoppers 15-2 pts.
exted alfalfa SHALD US DEED LAPEN NECESSARY OF CASE wer leaf weevil 15 pts. aphid 1 pt.
us bug 15-2 pts.
ywpirs 2 pts.
7 DAYS OF HARVEST.) 130 gals. OR 1 tbs. per 199 sq. ft. of bed paradus beetle 2 pts. lips 11-2 pts. 1 DAY OF HARVEST.) Peril & 25 pts. per 130 gals. OR 1 tbs. sciarid flies OR J ths.
per 100 aq.
ft. of bed.

LEE THE POWER ARE LIFETIATION AS SOON
A POWERFUL REPEAT NOTICE A WILLY
TWICE A WILLY
TWICE A WILLY
TWICE A WILLY
TO THE THE POWERFUL TO THE der mites 1 15 pts.

der mites 1 15 pts.

dancese beetle* 15-2 pts. PEAS & DON TIMES FOR SILVACE 1 DAY OF HARTEST. A LANCE OF SHEET ON ONE STATE OF THE STATE O VEGETABLES lequin bage buy in collards onted cachase 1 pts. M. BE MALE WITHIN 3 DAYS OF HARPEAS Control of loopers
Control of loopers, CVIII. C should be used in
Control of loopers, CVIII. C should be used in
Control of loopers, CVIII. C should be used in
Control of loopers, CVIII. C should be used in
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Control of loopers, CVIII. C should be used in
Control of loopers.

CONTROL OF LOOPERS CONTROL OF LOOPERS CONTROL OF LOOPERS
CONTROL OF LOOPERS CONTROL OF LOOP APPLY WITHIN 7 *For central of cabbage loopers, worms, and diamondback moths, CYTHION' should be used in com-bination with other recommended insecticides. DAYS OF HAR/EST) Paraley (DO NOT Appreds 15 pts.
Japanese bentle 2 pts. DAYS OF HARVESTY (D) NOT APPLY WITHEN 1 DAY OF HARVEST.)

CROP	· PEST	APPLICATION PATES
ORNAMENTALS*		•
DRNAMENTALS*	Oyster shell scale	1 pt
	Lace bug	1 pt
	Eugnymus scale	1-15 pts.
	Aphids	l'i ots.
	Mealy bugs	ly pts.
	Spider mites	l'i pt .
	Whitefly	l's ptw.
	Fourlined leaf bug	
	Japanese beetle adult	
•	Potato leafhopper	
	Tarnished plant bug	
	Thrips	
	Rose leafhopper	
	European pine	
:	Shoot moth	1k nee
	*Apply sufficient a	14 pts. mount for good
	Birch leaf miner	
	Boxwood leaf -	•
	miner Bagworms	2 pts.
	Tent caterpillars	2 pts.
	Azalea scale	
	Oak kermes*	
	Pine leaf scale	
	*Apply when scale of	2 pts. rawlers have
	acttled on foliage.	
	Fletcher scale* Florida red	2 pts.
	scale*	2 pts.
	*Apply when scale	crawlers have
	settled on foliage Black scale	·
	crawlers	24 pts.
	Monterey pine	* * * * * * * * * * * * * * * * * * * *
	scale Soft scale	26 500
	Soft scale Pine needle	25 pts.
	scale	4 pts.
	Wax scale	2 qts.*
	*Apply in apring 4	
	are active. Repair	
	full coverage appl	ications at
•	10 day intervals, NOTE: Apply suffi	cient amount
	for good coverage.	
GREENHOUSE	Millipedes	
(in and around	Springtails	
greenhouses and	Sowbugs	SEE NOTE
gardens)		
	spoonful of 57% E. E	
	ly to 150 square fee	
dust at the rate	insects congregate of 1 lb. per 130 aq	ur apply umre famt
of soil surface	or where insects con	gregate.
Repeat at 7 to 1	O day intervals as n	eeded.

READ ENTIRE LABEL BEFORE USING C A U T I O N POISONOUS TO FISH AND WILDLIFE

CAUTION: When sprayed in ship's hold, wear respirators approved by the U. S. Bureau of Mines to prevent breathing of fumes or mist into throat and lungs. Wear protective clothing to prevent as much of the skin as possible from exposure.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply where weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protect twe information may be obtained from your Cooperative Agricultural Extension Service.

WARRANTY AND LIMITATION OF DANAGES, Helena Chemical Company warrants that this material conforms to the chomical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject the inherent risks referred to therein. Helena Chemical Company makes no other express or implied warranty, including any other express or implied warranty of FINNESS or of MERCHANTABILITY, and no agent of Relena Chemical Company is authorized to this warranty. Any damages arising from a Dreach of this warranty shall be limited to direct lamages, and shall not include consequential commercial damages such as loss of profits or value, etc.

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