## **POISON**

**KEEP OUT OF REACH OF CHILDREN** READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# Genfarm

CYPER PLUS 250



**ACTIVE CONSTITUENT: 250 g/L CYPERMETHRIN** SOLVENT: 624 q/L HYDROCARBON SOLVENT

#### INSECTICIDE

For the control of certain insect pests on Cotton, Sunflowers, Fieldpeas, Sweet Corn, Maize, Soy, Navy, Mung Beans and Sorghum, Cereals and Lupins as per directions for use.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE



**CONTENTS: 20 LITRES** 



170mm wide

# **APPROVED LABEL**



#### **YOUR PROOF**

job#: 158674

name: 02 Cyper Plus 250 20L F

client: Genfarm date: 19/11/2008

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OK to proceed

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**NO** responsibility will be taken for errors not noted on this signed proof. PLEASE EXAMINE THIS PROOF VERY CAREFULLY AND RETURN SIGNED PROOF TO US FOR JOB TO PROCEED



Philstic Labels Ltd Phone +64 9 630 5822 Fax +64 9 630 0957

Dieline

**PMS 348** 

**PMS 654** 

Black

**PMS 132** 

## **Genfarm**

# CYPER PLUS 250

#### INSECTICIDE

#### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, puncture and bury empty containers in a local authority landfill. If no landfill available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

#### SAFETY DIRECTIONS

Product is poisonous if swallowed. Will irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and face-shield or goggles and contaminated clothing.

#### FIRST AII

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting, give a glass of water.

#### MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet which can be obtained from the supplier.

APVMA Approval No: 61607/20/0808

Genfarm Crop Protection Pty Ltd Suite 2, Level 3, 64 Talavera Road, Macquarie Park NSW 2113 Tel: (02) 9889 5400

Product Support Tel: 1800 44 88 92



#### **CONDITIONS OF SALE**

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

ENVIRONMENTALLY
HAZARDOUS SUBSTANCES,
LIQUID, N.O.S.
(CONTAINS CYPERMETHRIN)
MARINE POLLUTANT

UN NO. 2902 HAZCHEM 2X

IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE

FOR SPECIALIST ADVICE IN AN EMERGENCY DIAL

**1800 033 111** 24 HOURS AUSTRALIA WIDE



MARINE POLLUTANT

MISCELLANEOUS DANGEROUS

Batch No:

Date of Manufacture:

170mm deep

#### 100% on A3

YC	OUR PROOF
	158674
-	03 Cyper Plus 250 20L T
	Genfarm
	19/11/2008 f is NOT a true representation
	al colours that will be printed
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PHIL §	<ul> <li>Philstic Labels Ltd</li> <li>Phone +64 9 630 5822</li> <li>Fax +64 9 630 0957</li> </ul>
	Dieline
	PMS 348

Black

**PMS 132** 

170mm wide

# Genfarm **CYPER PLUS 250**

#### INSECTICIDE

#### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

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#### SAFETY DIRECTIONS

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> **ENVIRONMENTALLY** HAZARDOUS SUBSTANCES. LIQUID, N.O.S. (CONTAINS CYPERMETHRIN) MARINE POLLUTANT

UN NO. 2902 HAZCHEM 2X

IN A TRANSPORT EMERGENCY **DIAL 000** 

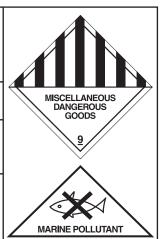
**POLICE OR FIRE BRIGADE** FOR SPECIALIST ADVICE

IN AN EMERGENCY DIAL 1800 033 111

**24 HOURS AUSTRALIA WIDE** 

APVMA Approval No: 61607/20/0808 Genfarm Crop Protection Pty Ltd Suite 2, Level 3, 64 Talavera Road,

Macquarie Park NSW 2113 Tel: (02) 9889 5400 Product Support Tel: 1800 44 88 92





169mm wide

167mm deep

#### 100% on A3

**Black** 

YOUR PROOF	
job#: 158674 name: 03 Cyper Plus 250 20L E client: Genfarm date: 19/11/2008	ase
This proof is <b>NOT</b> a true representation of the final colours that will be printed	
☐ OK to proceed ☐ Further proof required sign:	
<b>NO</b> responsibility will be taken for errors not noted on this signed proof.  PLEASE EXAMINE THIS PROOF VERY CAREFULLY AND RETURN SIGNED PROOF TO US FOR JOB TO PROCEED	
PHIL STIC ** Philstic Labels Ltd Phone +64 9 630 5822 Fax +64 9 630 0957	
Dieline Book area (168)	nm x 140mm)

# POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# Genfarm



# CYPER PLUS 250

# INSECTICIDE

ACTIVE CONSTITUENT: 250 g/L CYPERMETHRIN SOLVENT: 624 g/L HYDROCARBON SOLVENT

# GROUP 3 INSECTICIDE

For the control of certain insect pests on Cotton, Sunflowers, Fieldpeas, Sweet Corn, Maize, Soy, Navy, Mung Beans and Sorghum, Cereals and Lupins as per directions for use.

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE** 





#### YOUR PROOF

j**ob**#: 158674

name: 02 Cyper Plus 250 110L Front

date: Genfarm 19/11/2008

#### This proof is NOT a true representation of the final colours that will be printed

OK to proceed

Further proof required

date: \_

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PLEASE EXAMINE THIS PROOF VERY CAREFULLY AND RETURN SIGNED PROOF TO US FOR JOR TO PROCEE!



Philstic Labels Ltd
Phone +64 9 630 5822
Fax +64 9 630 0957

Dieline

PMS 348

PMS 654

Black

PMS 132

400mm wide

### **Genfarm**

# CYPER PLUS 250

#### INSECTICIDE

#### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Add rinsings to spray tank. Do not dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, puncture and bury empty containers in a local authority landfill. If no landfill available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

For refillable containers (110L) empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### SAFETY DIRECTIONS

Product is poisonous if swallowed. Will irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and face-shield or goggles and contaminated clothing.

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APVMA Approval No: 61607/110/0808

#### Genfarm Crop Protection Pty Ltd

Suite 2, Level 3, 64 Talavera Road, Macquarie Park NSW 2113 Tel: (02) 9889 5400 Product Support Tel: 1800 44 88 92

#### **MATERIAL SAFETY DATA SHEET**

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#### **CONDITIONS OF SALE**

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ENVIRONMENTALLY
HAZARDOUS SUBSTANCES,
LIQUID, N.O.S.
(CONTAINS CYPERMETHRIN)
MARINE POLLUTANT

UN NO. 2902 **HAZCHEM 2X** 

PG III

IN A TRANSPORT EMERGENCY **DIAL 000** 

POLICE OR FIRE BRIGADE

FOR SPECIALIST ADVICE IN AN EMERGENCY DIAL

1800 033 111 **24 HOURS AUSTRALIA WIDE** 



deep

**70mm** 



170mm wide

Date of Manufacture:

Batch No:

#### 100% on A3

YOU	JR F	PRO	<u>OF</u>
<b>job#:</b> 15	8674		
name: 03	Суре	r Plus 2	250 110L
client: G	enfarm		
date: 19	/11/20	08	
This proof is of the final o			
	to pro her pi		quired
NO respor	oted on	this sign	ed proof.
PLEASE EXA CAREFULL PROOF TO U	Y AND I	RETURN	SIGNED

Philstic Labels Ltd

Phone +64 9 630 5822

Dieline
PMS 348
PMS 654
Black

**PMS 132** 

# Genfarm CYPER PLUS 250

## INSECTICIDE

#### STORAGE AND DISPOSA

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ENVIRONMENTALLY
HAZARDOUS SUBSTANCES,
LIQUID, N.O.S.
(CONTAINS CYPERMETHRIN)
MARINE POLLUTANT

UN NO. 2902

HAZCHEM 2X

PG III

DIAL OOO

POLICE OR FIRE BRIGADE

FOR SPECIALIST ADVICE IN AN EMERGENCY DIAL

1800 033 111 24 HOURS AUSTRALIA WIDE

Genfarm Crop Protection Pty Ltd Suite 2, Level 3, 64 Talavera Road, Macquarie Park NSW 2113 Tel: (02) 9889 5400 Product Support Tel: 1800 44 88 92 MISCELLANEOUS DANGEROUS GOODS

9

MARINE POLLUTANT

**YOUR PROOF** job#: 158674 name: 02 Cyper Plus 250 110L Base client: Genfarm date: 19/11/2008 This proof is NOT a true representation of the final colours that will be printed ☐ OK to proceed ☐ Further proof required **NO** responsibility will be taken for errors not noted on this signed proof. PLEASE EXAMINE THIS PROOF VERY **CAREFULLY AND RETURN SIGNED** PROOF TO US FOR JOB TO PROCEED Philstic Labels Ltd Phone +64 9 630 5822 Fax +64 9 630 0957 Dieline **PMS 348 PMS 654** 

**Black** 

**PMS 132** 

400mm

#### **POISON**

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# GENFARM CYPER PLUS 250 INSECTICIDE

ACTIVE CONSTITUENT:

250 g/L CYPERMETHRIN

SOLVENT:

624 g/L HYDROCARBON SOLVENT

GROUP 3A INSECTICIDE

For the control of certain insect pests on Cotton, Sunflowers, Field peas, Sweet Corn, Maize, Soy, Navy, Mung Beans and Sorghum, Cereals and Lupins as per directions for use.

IMPORTANT: READ THIS LEAFLET BEFORE USE

APVMA APPROVAL No: 61607/0808

Genfarm Crop Protection Pty Ltd Suite 2, Level 3, 64 Talavera Road, Macquarie Park, NSW, 2113 Tel: (02) 9889 5400

#### DIRECTIONS FOR USE RESTRAINTS

Do NOT apply if rain is expected within 4 hours

CROP	PEST CONTROLLED	STATES	APPLICATION RATE
Barley	Lesser armyworm	WA only	135 mL/ha
Bush and Trellis	Native budworm ( <i>H. punctigera</i> )	All States	Program Application:
Tomatoes	Tomato Grub (H. armigera)  Cluster Caterpillar	Qld, NSW, ACT, Tas & WA only	120 or 240 mL/ha  HIGH VOLUME: 16 or 32 mL/100 L
	(Spodoptera litura)  Cluster Caterpillar (Spodoptera litura)	SA only	Established Infestations: LOW VOLUME: 320 mL/ha HIGH VOLUME: 40 mL/100 L
	Plague Thrips ( <i>Thrips imaginis</i> )	All States	LOW VOLUME: 104 mL/ha HIGH VOLUME: 14 mL/100 L
Cereals	Cutworm	Qld, NSW, ACT, WA only	60 mL/ha
	Webworm	WA only	

WHP	CRITICAL COMMENTS
7 days (harvest) 7 weeks (grazing)	Apply when pests are first seen.
1 day	The use of wetting agent on tomatoes is not necessary. Do NOT apply to trellis tomatoes by air.  Field Crops: Program Application. (EXCEPT for H. armigera): Apply as pest population indicates. A 7 to 10 day interval may be required. Use the higher rate when large larvae are present and when reinfestation (egg laying) is intense.  LOW VOLUME: When applying by ground equipment use a fine spray and preferably cone nozzles. Apply in 100 to 400 L water per hectare.  HIGH VOLUME: Use a medium or fine spray and preferably cone nozzles. Apply 200 L of spray mixture per hectare just after trans- planting and increase gradually to 1000L/ha at maturity. Apply to H. armigera larvae only if they are less than 5 mm long.  Established Infestations (as Escape Situations. EXCEPT for H. armigera)  LOW VOLUME: Use 320 mL/ha or 40 mL/100 L if large larvae (up to 3 cm) are present.  HIGH VOLUME: Crops under glass:  Do not apply using LV/ULV atomisers  at strengths greater than 1 part of product per 50 parts of water. Rates and critical comments are as for field crops. Apply to H. armigera larvae only if they are less than 5 mm long.
7 days (harvest)	Check emerging and establishing crops in the late afternoon and evening for caterpillars crawling on the soil surface and feeding on the seedlings. Spray in late afternoon or evening.
7 weeks (grazing)	Pre-planting: Genfam Cyper Plus 250 Insecticide may be applied with knockdown herbicides prior to planting. Apply from the last week in May when the larvae have emerged. Pasture should be closely grazed to ensure good spray penetration. Use high water volumes eg. 100 L/ha.  Do not apply on dense pasture.  Post crop emergence: Inspect crop regularly from emergence and spray at first sign of pest activity.

CROP	PEST CONTROLLED	STATES	APPLICATION RATE
Cotton	Native budworm ( <i>H. punctigera</i> ) and/or	Qld, NSW, ACT & WA only	300 or 400 mL/ha
	Cotton bollworm ( <i>H. armigera</i> )		400 or 500 mL/ha
	Cotton loopers (Anomis spp.)		300 or 500 mL/ha
	Rough bollworm ( <i>Earias huegeli</i> )		300 or 400 mL/ha
Faba Beans	Native budworm	SA & WA only	160 mL/ha
	(H. punctigera)		200 mL/ha
Field Peas	Pea weevil ( <i>Bruchus pisorum</i> )	WA, SA & NSW only	160 mL/ha
	Native budworm ( <i>H. punctigera</i> )		160 or 200 mL/ha
Lupins	Cutworm	WA	60 mL/ha

WHP	CRITICAL COMMENTS
14 days	Apply when egg laying reaches a "threshold" of 25 eggs or 12 newly hatched larvae per 100 terminals. For <i>H. armigera</i> apply to larvae only if they are less than 5 mm long.
	Use higher rate when egg laying is continuous and/or larvae larger than 1 cm are present. This relates to <i>H. punctigera</i> only. For H. armigera apply to larvae only if they are less than 5 mm long. On occasion, when other methods have failed to control Helicoverpa spp., two applications at the higher rates and a short interval may be required prior to using lower rates as recommended
	Apply as pest populations indicate.
	Apply when an average of 2 or more larvae are present per 100 bolls. It is essential to detect and treat infestations in the early stages. Application may be marginally effective or ineffective on an established or concealed infestation in bolls deep in the canopy of a mature crop.
4 weeks	Apply when the majority of caterpillars are less than 20 mm long.
	Apply when the majority of caterpillars are 20 mm long. If caterpillars are larger than 20 mm long it is too late to spray.
4 weeks Harvest/ Grazing	Monitor crops with a sweep net, when the first pods are formed, and thereafter at least at weekly intervals. Monitor crops on warm (20°C or higher) days. Spray when one or more adult beetles per 25 sweeps are found.  For WA only: Monitor crop with a sweep net at first flowering and then weekly intervals on warm days (20°C or higher). Spray when one or more weevils per 100 sweeps is found for milling grade seed, or one in 25 sweeps for feed grade seed. Repeat sprays may be necessary in areas with high pea weevil numbers. A 50 ha border spray may be sufficient to control weevil when numbers are low, ie. Around the threshold levels.
	Monitor crops as for Pea Weevil. Spray when average numbers exceed one per sweep. Use lower rate if caterpillars are less than 1 cm long. (Often this will coincide with the weevil treatment). Use higher rate if caterpillars are 1 cm or greater in length.
24 days	Inspect crop regularly from emergence and spray at first sign of pest activity.

CROP	PEST CONTROLLED	STATES	APPLICATION RATE
Lupins	Native budworm (Heliothis punctigera)	WA	120 mL/ha or 240 mL/ha
Maize	Corn earworm ( <i>H. armigera</i> )	NSW, ACT, Vic & WA only	300 or 400 mL/ha
		Qld, Only	240 or 400 mL/ha
Sorghum	Corn earworm ( <i>H. armigera</i> )	NSW, Qld & WA only	240 or 400 mL/ha
	Sorghum midge (Contarinia sorghicola)		150 or 300 mL/ha
Soybean, Navy and Mung Beans	Native budworm ( <i>H punctigera</i> )	NSW, ACT, Qld & WA only	300 or 400 mL/ha
	Cotton bollworm ( <i>H. armigera</i> )		
	Soybean looper ( <i>Thysanophisia orichalcea</i> )		
Sunflowers	Native budworm ( <i>H. punctigera</i> )	NSW, ACT & WA only	300 or 400 mL/ha
	Cotton bollworm ( <i>H. armigera</i> )		
		Qld only	
	Grey cluster bug (Nysius clevelandensis)	Qld, NSW, ACT & WA only	
	Rutherglen bug ( <i>N. vinitor</i> )	Qld., NSW, ACT, Vic & WA only	

WHP	CRITICAL COMMENTS		
24 days	Apply at first sign of infestation. Use higher rate under cooler conditions and where large grubs are present.		
7 days	Cob damage tolerated is variable according to market requirements. For fresh market corn, spray at tassel emergence then at intervals of 5-8 days until silks wither. For processing corn and maize apply at early silking. Apply to larvae only if they are less than 5 mm long		
14 days	Apply when larval numbers reach 2 per head. Apply to larvae only if they are less than 5 mm long		
	Apply when midge numbers reach 1-2 per head across the whole field from head emergence to completion of flowering. Use the higher rate for increased residual protection.		
7 days	Apply when flower or pod feeding larval numbers reach 2 per metre of row in soybeans, 1-2 per metre of row in navy beans, 1 per metre of row in mung beans. Use higher rate when <i>H. punctigera</i> larvae larger than 1 cm are present or when canopy is dense. Apply to <i>H. armigera</i> larvae only if they are less than 5 mm long		
	Apply as pest populations indicate. Use higher rate when larvae larger than 15 mm are present.		
21 days	Apply when an average of more than 2-3 larvae are present per head where fungal rots are a problem; otherwise apply when larvae are damaging plants. Use higher rate for better knockdown when H. punctigera larvae larger than 1 cm are present. Apply to <i>H. armigera</i> larvae only if they are less than 5 mm long		
	Apply when larvae are damaging to plants. Use higher rate for better knockdown when <i>H. punctigera</i> larvae larger than 1 cm are present. Apply to <i>H. armigera</i> larvae only if they are less than 5 mm long		
	Apply when numbers reach 10-15 adults per plant at budding in dry land crops or 20-25 in irrigated crops. After flowering, apply when there are 20-25 adults on the face of heads.		
	<b>General comments:</b> If flowering has started, application should be deferred until after flowering is complete but before the heads turn down. If treatment is unavoidable during flowering and bees are actively foraging in the crop, spraying must take place in the very early morning or very late afternoon.		

CROP	PEST CONTROLLED	STATES	APPLICATION RATE
Sweetcorn	Corn earworm ( <i>H. armigera</i> )	WA, Vic, NSW, ACT & Qld. Only	300 or 400 mL/ha
	Native budworm ( <i>H. punctigera</i> )	SA only	
	Native budworm ( <i>H. punctigera</i> ) Southern armyworm ( <i>Persectania ewingii</i> )	Tas & WA Only	
	Common armyworm (Mythimna convecta)	WA, Vic, & NSW, ACT only	
Tobacco	Native budworm ( <i>H. punctigera</i> ) Tobacco budworm ( <i>H. armigera</i> )	Qld, Vic & WA only	30 or 40 mL/100L and 200-1000 L/ha

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

#### WITHHOLDING PERIODS

TOBACCO: NOT REQUIRED WHEN USED AS DIRECTED

**TOMATOES:** DO NOT HARVEST FOR 1 DAY AFTER APPLICATION

BARLEY, (harvesting), CEREALS, (harvesting), MAIZE, MUNG BEANS, NAVY BEANS, SOYBEANS,

**SWEETCORN:** DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

COTTON, SORGHUM: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION SUNFLOWERS: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION

**LUPINS:** DO NOT HARVEST FOR 24 DAYS AFTER APPLICATION

FABA BEANS. FIELD PEAS: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION

BARLEY (grazing), CEREALS (grazing): DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 7 WEEKS AFTER

**APPLICATION** 

#### NOTICE

Helicoverpa (Heliothis) armigera resistance in Northern New South Wales and Queensland. To help contain pyrethroid resistance in Helicoverpa armigera, the Summer Crop Insecticide Strategy as developed by the Queensland Department of Primary industries and the New South Wales Department of Agriculture

WHP	CRITICAL COMMENTS
7 days	Cob damage tolerated is variable according to market requirements. For fresh market corn, spray at tassle emergence then at intervals 5-8 days until silks wither. For processing corn and maize apply at early silking.
	Use the higher rate if non- <i>H. armigera</i> larvae larger than 1 cm are present. Apply to <i>H. armigera</i> larvae only if they are less than 5 mm long
NIL	Apply as pest populations indicate. Good spray coverage is essential. Use the higher rate when <i>H. punctigera</i> larvae larger than 1 cm are present. Increase spray volume per hectare from 200-1000 L as necessary to achieve good coverage as the crop grows. Apply to <i>H. armigera</i> larvae only if they are less than 5 mm long.

and Fisheries should be adhered to. Failure to observe the strategy may result in widespread resistance affecting the future viability of summer cropping.

#### GENERAL INSTRUCTIONS Insecticide Resistance Warning

#### GROUP 3A INSECTICIDE

For insect resistance management Genfarm Cyper Plus 250 Insecticide is a group 3A Insecticide. Some naturally occurring insect biotypes resistant to Genfarm Cyper Plus 250 Insecticide and other group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Genfarm Cyper Plus 250 Insecticide or other Group 3A insecticides are used repeatedly. The effectiveness of Genfarm Cyper Plus 250 Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Genfarm Cyper Plus 250 Insecticide to control resistant insects Genfarm Cyper Plus 250 Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier. Genfarm Cyper Protection Pty Ltd representative or local

agricultural department agronomist.

#### Mixing

Genfarm Cyper Plus 250 Insecticide mixes readily with hard or soft water. Add the required quantity of Genfarm Cyper Plus 250 Insecticide to water whilst under agitation to ensure thorough mixing. Agitate while spraying. It is not advisable to allow the mixed solution to stand for longer than 24 hours before use. In extremely alkaline water (pH 9), spray immediately after mixing.

#### **Application**

Good coverage is essential to ensure adequate control. The material may be applied by ground rig or aircraft.

**AERIAL APPLICATION** should be under conditions normally suitable for water based emulsifiable concentrate insecticides. Apply in at least 10-20 Litres of water per hectare for cotton and tomatoes and 20-30 litres of water per hectare for field peas and for other crops.

**GROUND RIG APPLICATION** should be in 30-100 litres per hectare for all crops except sweetcorn and tomatoes. For sweetcorn, use 150-450 litres of water per hectare. For tomatoes, refer to directions for use section. Drop arms should be used on ground rig booms when crop is taller than 30 cm.

Acceptable "threshold" values for eggs, larval, nymphal or adult numbers may vary according to the stage of crop development, the pest complex present and the pest management program undertaken. Alternative higher thresholds may be acceptable under certain circumstances.

#### Timing

Genfarm Cyper Plus 250 Insecticide is a contact and residual insecticide. For best results it should be applied as a protective treatment at regular intervals. Best results will be obtained by spraying at egg-hatch.

#### **Crop Checking**

Frequent and thorough checking of whole plants, seed head, flower or fruiting body as required, should be made over a random sample of plants representative of the whole crop area. Inspect crops after spraying to ensure a thorough kill has been obtained, however, note that maximum kill may not be achieved until 48 hours after treatment. Then check at frequent intervals, not more than 2 days apart when insect pressure is heavy. Apply the recommended treatment as soon as a crop check indicates spraying is necessary.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to bees. This product is highly toxic to bees and should not be applied while bees are actively foraging. Toxic to fish. DO NOT contaminate streams, rivers or waterways with the product or used containers. Do not contaminate neighbouring vegetation, crops, pastures and waterways with concentrate, sprays, washing's, waste liquid or empty containers. Liquid spillage's should be absorbed on to pumice or vermiculite, NOT SAWDUST, and disposed of in accordance with the Australian Standard 2507 Storage and Handling of Pesticides. Contaminated area to be washed down and water washing's to be prevented from entering any water drains. During decontamination operators should wear cotton overalls, boots, face shield and waterproof gloves.

#### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, puncture and bury empty containers in a local authority landfill. If no landfill available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**For refillable containers** (110L) empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### **SAFETY DIRECTIONS**

Product is poisonous if swallowed. Will irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and face-shield or goggles and contaminated clothing.

#### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting, give a glass of water.

#### MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet which can be obtained from the supplier.

#### **CONDITIONS OF SALE**

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

#### **Genfarm Crop Protection Pty Ltd**

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