STORAGE AND DISPOSAL
Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

All non-refillable containers (unless otherwise specified)
Triple 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 or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. **DO NOT** burn empty containers and product. **DO NOT** re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve
Store the original sealed Envirodrum in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight. **DO NOT** tamper with the Micro Matic valve or the security seal. **DO NOT** contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase.

Refillable Containers
Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS
Harmful if inhaled or swallowed. **DO NOT** inhale spray mist. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves, goggles and disposable respirator. When using the prepared spray by ground spraying equipment, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves, goggles and disposable respirator. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre *(Phone Australia 13 11 26; New Zealand 0800 764 766)*. Remove from contaminated areas. Apply artificial respiration if not breathing. If in eyes wash out immediately with water.

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements

SAFETY DATA SHEET
Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or from our website at www.imtrade.com.au

POISON

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

IMTRADE

CYBORG® Plus

100 EC INSECTICIDE

ACTIVE CONSTITUENTS: 100 g/L BETA-CYFLUTHRIN
400 g/L PIPERONYL BUTOXIDE
SOLVENT: 435 g/L LIQUID HYDROCARBON

GROUP 3A INSECTICIDE

For the control of certain insect pests of Avocados and Macadamias as specified in the Directions for Use Table.

IMPORTANT: Read the attached Leaflet before use.

FORM
EC

CONTENTS
1L-1000L

CONDITIONS OF SALE
Imtrade CropScience shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative Imtrade CropScience has any authority to add to or alter these conditions.

CYBORG® is a Registered Trademark of Imtrade Australia Pty Ltd

UN 2902

PESTICIDE, LIQUID, TOXIC, N.O.S.
(contains BETA-CYFLUTHRIN)

In a Transport Emergency
Dial 000 Police or Fire Brigade

PG III | HAZCHEM 2X

APVMA Approval No:
88914/148012

drumMUSTER eligible container

Batch No.
DOM:

IMTRADE CropScience
17 Ocean St, Kwinana Beach WA 6167
08 9419 0333 | www.imtrade.com.au

POISON

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

IMTRADE

CYBORG® Plus

100 EC INSECTICIDE

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SOLVENT: 435g/L LIQUID HYDROCARBON

GROUP 3A INSECTICIDE

For the control of certain insect pests of Avocados and Macadamias as specified in the Directions for Use Table

IMPORTANT: READ THIS LEAFLET THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT

APVMA Approval No: 88914/148012

Imtrade CropScience Pty Ltd
ABN 13 090 151 134
17 Ocean Street, Kwinana, Western Australia 6167
Tel: (08) 9419 0333 Fax: (08) 9419 7516
Web: www.imtrade.com.au

RESTRAINT:
For PROFESSIONAL use only.
DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT irrigate to the point of runoff for at least 3 days after application.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at www.apvma.gov.au/spraydrift

DO NOT allow **bystanders** to come into contact with the spray cloud.
DO NOT apply in a manner that may cause an unacceptable impact to **native vegetation, agricultural crops, landscaped gardens and aquaculture production**, or cause contamination of plant or livestock commodities, outside the application site from **spray drift**. The **buffer zones** in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.
DO NOT apply unless **wind speed** is between 3 and 20 kilometres per hour at the **application site** during the time of application.
DO NOT apply if there are **hazardous surface temperature inversion** conditions present at the **application site** during the time of application. **Surface temperature inversion conditions** exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.
DO NOT apply by a boom sprayer.
DO NOT apply by a vertical sprayer unless the following requirements are met:

- Spray is not directed above the target canopy.
- The outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the **application site**.
- For dilute water rates up to the maximum listed for each type of canopy specified, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for vertical sprayers') are observed.

Buffer Zones for Vertical Sprayers

Type of target canopy and dilute water rate	**Mandatory buffer zones** (distances given in meters)	
	Natural aquatic areas	**Pollinator areas**
2 metres tall and shorter, maximum dilute water rate of 1000L/ha	5	10
Taller than 2 metres (not fully-foliated), maximum dilute water rate of 2000L/ha	20	35
Taller than 2 metres (fully-foliated), maximum dilute water rate of 2000L/ha	10	25
Taller than 2 metres (not fully-foliated), maximum dilute water rate of 4000L/ha	25	50
Taller than 2 metres (fully-foliated), maximum dilute water rate of 4000L/ha	20	40

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets are not smaller than a MEDIUM spray droplet size category.
- For maximum release height above the target canopy of 3 metres or 25% of wingspan or 25% of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft) are observed.

Buffer Zones for aircraft

Type of aircraft	**Mandatory downwind buffer zones for**	
	Natural aquatic areas	**Pollinator areas**
Fixed wing	75 metres	220 metres
Helicopter	60 metres	160 metres

DIRECTIONS FOR USE

Crop	Pest	Rate	WHP	Critical Comments
Avocados	Fruitspotting Bug	**Dilute spraying** 6.25 to 12.5 mL/ 100L water **Concentrate spraying** Refer to the Application section	7 days (H)	Apply by dilute or concentrate spraying equipment. Regularly monitor avocado trees for Fruitspotting Bug presence and spray when numbers exceed action thresholds. Use the higher rate for high levels of infestation or likelihood of continuous reinfestation.
Macadamia (Qld, NSW, ACT, WA only)	Macadamia Nut Borer	**Dilute spraying** 12.5 mL/100L **Concentrate spraying** Refer to the Application section	7 days (H)	Apply by dilute or concentrate spraying equipment. Spray to thoroughly cover nuts when pest numbers indicate, or at 2 to 3 weekly intervals during the period when pests are normally active. Use the shorter interval and the higher rate during wet weather or severe infestations. Avoid season-long application of the same insecticide. Good pest management involves the use of alternative chemical groups to avoid resistance build-up. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Can be used up to 5X concentrate. **DO NOT** use at concentrate rates greater than 62.5mL/100L of water (i.e. 5X concentrate)
	Fruitspotting Bug	**Dilute spraying** 6.25 or 12.5 mL/100L **Concentrate spraying** Refer to the Application section		

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

WITHHOLDING PERIODS (WHP):

AVOCADOS, MACADAMIAS: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

GENERAL INSTRUCTIONS

Export of Treated Produce

Growers should note that suitable MRLs or import tolerances may not be established in all markets for produce treated with CYBORG® PLUS. If you are growing for export, please check with Imtrade CropScience Pty Ltd for the latest information on MRLs and import tolerances before using CYBORG® PLUS.

GENERAL INSTRUCTIONS

MIXING

Add the required quantity of CYBORG® PLUS to water in the spray tank and mix thoroughly.

APPLICATION

CYBORG® PLUS can be applied by air or ground equipment. In common with other non-systemic insecticides adequate coverage with CYBORG® PLUS is essential for maximum effectiveness.

When applying by air use a minimum of 20L of spray mixture per hectare. Spray in crosswinds. **DO NOT** spray in calm conditions or when wind is light and variable in direction unless smoke indicators show spray is entering the crop uniformly. Spray application should be carried out during the cooler parts of the day or night.

A spraydrift minimization strategy should be employed at all times when aerially applying sprays to, or near, sensitive areas. Refer to the **Spray Drift Restraints** section for spray drift minimization strategy.

Special instructions for Avocados and Macadamias

Dilute Spraying:

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of CYBORG® PLUS specified in the Directions for Use table for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying:

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (see Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY

1. Dilute spray volume as determined above: for example 1500L/ha
2. Your chosen concentrate spray volume: for example 500L/ha
3. The concentrate factor in this example is 3X (i.e. 1500L ÷ 500L = 3)
4. If the dilute label rate is 12.5mL/100L, then the concentrate rate becomes 3 x 12.5, that is 37.5mL/100L of concentrate spray

- The chosen spray volume, amount of product per 100L of water, and the sprayer setup and operation may need to be changed as the crop grows.
- **DO NOT** use a concentrate rate higher than that specified in the Critical Comments.
- For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

COMPATIBILITY

CYBORG® PLUS is compatible with most commonly used insecticides and fungicides. **DO NOT** mix concentrates together but add each to the spray tank separately. As formulations of other manufacturers' products are beyond the control of Imtrade CropScience Pty Ltd, all mixtures should be tested prior to mixing commercial quantities. As changes in climatic conditions can alter the sensitivity of plants to mixtures of sprays, Imtrade CropScience Pty Ltd cannot be responsible for the behavior of such mixtures.

INSECTICIDE RESISTANCE WARNING

GROUP 3A INSECTICIDE

Some naturally occurring insect biotypes resistant to CYBORG® PLUS 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 CYBORG® PLUS or other Group **3A** Insecticides are used repeatedly. The effectiveness of CYBORG® PLUS on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, Imtrade CropScience Pty Ltd accepts no liability for any losses that may result from the failure of CYBORG® PLUS to control resistant insects.

CYBORG® PLUS may be subject to specific resistance management strategies. For further information contact your local supplier, Imtrade CropScience Pty Ltd representative or local agricultural department agronomist. Application of CYBORG® PLUS to synthetic pyrethroid resistant larvae longer than 5mm will not only be ineffective but it may increase the level of synthetic pyrethroid resistance.

RE-ENTRY PERIOD

DO NOT enter treated areas until spray has dried. If prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees.

DO NOT apply to crops from the onset of flowering until flowering is complete.

DO NOT allow spray drift to flowering weeds or flowering crops in the vicinity of the treatment area.

Before spraying notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to mammals.

However, the use of this product as directed is not expected to have adverse effects on wildlife.

Very toxic to aquatic life.

DO NOT contaminate wetlands or watercourses with this product or used container.

Toxic to beneficial arthropods.

Not compatible with Integrated Pest Management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

STORAGE AND DISPOSAL

The method of disposal of the container depends on the container type. Read the Storage and Disposal instructions on the label that is attached to the container.

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

All non-refillable containers (unless otherwise specified)

Triple 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 or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. **DO NOT** burn empty containers and product. **DO NOT** re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve

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Refillable Containers

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. **DO NOT** inhale spray mist. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves, goggles and disposable respirator. When using the prepared spray by ground spraying equipment, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves, goggles and disposable respirator. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre *(Phone Australia 13 11 26; New Zealand 0800 764 766)*. Remove from contaminated areas. Apply artificial respiration if not breathing. If in eyes wash out immediately with water.

Additional GHS Hazard & Precautionary Statements

•Combustible liquid; •Toxic if swallowed; •May be fatal if swallowed and enters airways;•Harmful if inhaled; •May cause harm to breast-fed children; •Causes damage to the nervous system; •Very toxic to aquatic life with long lasting effects; •Keep away from heat, sparks, open flames and hot surfaces – No smoking; •**DO NOT** breathe fumes, mists, vapours or spray; •**DO NOT** get in eyes, on skin, or on clothing; •**DO NOT** eat, drink or smoke when using this product; •Use only outdoors or in a well-ventilated area; •Wear respiratory protection; •**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting; •**IF ON SKIN (or hair):** Remove immediately all contaminated clothing. Rinse skin with water; •**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing; •Collect spillage; •In case of fire, use carbon dioxide, dry chemical, foam, water fog. Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used; •Store locked up; •Store in a dry place.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or from our website at www.imtrade.com.au

CONDITIONS OF SALE

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UN 2902	**PESTICIDE, LIQUID, TOXIC, N.O.S. (contains BETA-CYFLUTHRIN)**
IN TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE	
PG III	**HAZCHEM 2X**

APVMA Approval No: 88914/148012