

#### 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 other non-refillable containers

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 (110L)

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 (1000L only)

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

#### SAFETY DIRECTIONS

Harmful if swallowed. May irritate the skin. Will damage eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length chemical resistant gloves and goggles. In addition, when mixing and loading for aerial spray equipment, wear cotton overalls, over normal clothing, buttoned to the neck and wrist, elbow length chemical resistant gloves and goggles. In addition, if applying by low pressure hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat, elbow length chemical resistant gloves and goggles. If product in eyes, wash it out immediately with water. 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*). If swallowed **DO NOT** induce vomiting. Give a glass of 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 Imtrade CropScience website at [www.imtrade.com.au](http://www.imtrade.com.au)

#### 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 of Imtrade CropScience has any authority to add to or alter these conditions.

CRACKER JACK® is a Registered Trademark of Imtrade Australia Pty Ltd.

# POISON

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



Intrade  
**Cracker Jack®**  
800 EC Fungicide

ACTIVE CONSTITUENT: 800g/L PROPICONAZOLE

**GROUP 3 FUNGICIDE**

For the control of certain fungal diseases of Oats, Perennial Ryegrass, Wheat and other crops in certain states as specified in the Directions for Use table.

For the control of Dollar Spot in Bent and Queensland Blue Couch, and Spring Dead Spot in Couch as specified in the Directions for Use table for Turfs.

**IMPORTANT: Read the attached Leaflet before use.**

FORM  
**EC**

CONTENTS  
**1L-1000L**

**UN  
3082**

ENVIRONMENTALLY  
HAZARDOUS  
SUBSTANCES,  
LIQUID, N.O.S.  
(contains  
PROPICONAZOLE)

In a Transport Emergency  
Dial 000 Police or Fire Brigade

PG III

HAZCHEM \*3Z

APVMA Approval No: 91732/133305



Batch No.  
DOM:

**IMTRADE**  
CropScience

17 Ocean St, Kwinana Beach WA 6167  
08 9419 0333 | [www.imtrade.com.au](http://www.imtrade.com.au)

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BEFORE OPENING OR USING THIS PRODUCT**

**APVMA Approval No: 91732/133305**

Imtrade Australia Pty Ltd

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Tel: (08) 9419 0333 Fax: (08) 9419 7516

Web: [www.imtrade.com.au](http://www.imtrade.com.au)

## RESTRAINTS:

**DO NOT** apply to turf under heat or moisture stress.

**DO NOT** apply more than one application per year on the following couch varieties: C29, Greenless Park, National Park, Tifway, Sportsway and Wagga City.

**DO NOT** apply using spraying equipment carried on the back of the user.

## SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://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.

## DIRECTIONS FOR USE

Crop	Disease Controlled	State	Rate	WHP	Critical Comments
			Per Hectare		
Barley	Powdery Mildew ( <i>Blumeria graminis</i> )	All States	45 to 160 mL	<b>Harvest</b> 4 weeks	Spray at the first sign of the disease during the tillering stage (Z21-Z29). A repeat spray 21 to 28 days later may be required. Ensure thorough coverage of stems and leaves. <b>Powdery Mildew:</b> Higher rates provide longer protection.
	Barley Scald ( <i>Rhynchosporium secalis</i> )		160 mL	<b>Grazing</b> 7 days	
	Spot Form Net Blotch ( <i>Pyrenophora teres f. maculate</i> )				

Crop	Disease Controlled	State	Rate	WHP	Critical Comments
			Per Hectare		
Oats	Stem Rust ( <i>Puccinia graminis f. sp avenae</i> )	All States	160 mL	<b>Harvest</b> 4 weeks  <b>Grazing</b> 7 days	Apply at the first sign of disease and before there is an average of over 2 pustules per tiller. Ensure thorough coverage of stems and leaves.
	Crown Rust ( <i>Puccinia coronata f. sp avenae</i> )		80 to 160 mL		Apply after flag blade leaf is fully emerged or Z39 and before disease levels reach 1% of flag leaf area. Consider control if disease is greater than 5-10% on any lower leaf layer. Use higher rates under high infection pressure or when longer residual protection is required. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.
	Suppression of Septoria Leaf Blotch ( <i>Leptosphaeria avenaria</i> )				Apply after flag blade is fully emerged or Z39. If infection averages 10% on the flag-2 leaf. The high rate of application gives longer period of protection than the lower rates. Use higher rates on high potential crops when conditions favour severe disease development during flowering. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.
Perennial Ryegrass	Stem Rust ( <i>Puccinia graminis</i> ), Blind Seed Disease ( <i>Gleotinia graminigena</i> )	Vic only	160 mL	4 weeks	Apply at ear emergence and again at anthesis.

Crop	Disease Controlled	State	Rate	WHP	Critical Comments
			Per Hectare		
Wheat	Stripe Rust ( <i>Puccinia striiformis</i> )	Qld, NSW, Vic, SA, WA only	80 or 160 mL	<b>Harvest</b> 4 weeks  <b>Grazing</b> 7 days	Spray between stem elongation (Z30) and end of flowering (Z69) when 10 to 20% of leaves are infected. A repeat spray 21 to 28 days later may be required. Use higher rate under high infection pressure or where longer residual protection is required.
		Tas only			Spray when 10 to 20% of leaves are infected. A repeat spray 21 to 28 days later may be required. Use higher rate under high infection pressure or when longer residual protection is required.
	Powdery Mildew ( <i>Blumeria graminis</i> )	All States	45 to 160 mL		Spray at the first sign of the disease during the tillering stage. A repeat spray 21 to 28 days later may be required. Ensure thorough coverage of stems and leaves. Higher rates provide longer protection.
			160 mL		Apply at the first sign of the disease and before there are more than 2 pustules per tiller. Ensure thorough coverage of stems and leaves.
			80 to 160 mL		Apply once between 70% flag leaf emergence (Z38) and early flowering (Z61). Use the higher rate under high infection pressure or where longer residual protection is required.
Stem Rust ( <i>Puccinia graminis</i> )					
Septoria Tritici Blotch ( <i>Mycosphaerella graminicola</i> )					

Situation	Disease Controlled	State	Rate	WHP	Critical Comments
			Per Hectare		
Wheat (cont'd)	Leaf Rust ( <i>Puccinia recondite</i> f.s.p <i>Tritici</i> ; <i>Puccinia triticina</i> )	All States	45 to 160 mL	<b>Harvest</b> 4 weeks	Apply after flag leaf is 70% emerged (Z38) and before disease levels reach 1% of flag leaf area. Consider control if disease is greater than 5 to 10% on any lower leaf layer. Use higher rates under high infection pressure or when longer residual protection is required. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.
	<b>Grazing</b> 7 days				
	Septoria Nodorum Blotch ( <i>Phaeosphaeria nodorum</i> )	Apply after flag leaves are around 70% emerged (Z38) if infection averages 10% on the flag-2 leaf. The high rate of application gives a longer period of protection than the lower rates. Use higher rates on higher potential crops when conditions favour severe disease development during flowering. Lower rates are effective under low disease pressure but have reduced residual effect. Ensure thorough coverage.			
Yellow Spot ( <i>Pyrenophora tritici-repentis</i> )		80 to 160 mL		Apply once between 70% flag leaf emergence (Z38) and early flowering (Z61). Use higher rate under high infection pressure or where longer residual protection is required. Apply after 70% flag leaf emergence (Z38) and before disease levels reach 5% on flag leaf. Higher rates give longer residual protection and often better economic returns.	

## DIRECTIONS FOR USE – TURF

Crop	Disease	State	Rate	Critical Comments
Bent Grass in bowling greens, parks and sporting areas	Dollar Spot ( <i>Sclerotinia homeocarpa</i> )	Vic only	10 – 20 mL/ 100m <sup>2</sup> in 10 to 20L water	Spray when conditions are warm and humid, from September to March. Make a second application 14 to 28 days later if conditions continue to favour disease development. Use rates towards the lower end of the range as a preventive program and against light to moderate infection. Use rates towards the higher end of the range and shorter intervals as a preventive or curative treatment when conditions are highly favourable for the disease.
Bent and Queensland Blue Couch grasses in bowling greens, golf greens, parks and sporting areas		NSW, Qld, SA, WA only		
Couch Turf in bowling greens, parks and sporting areas	Spring Dead Spot ( <i>Leptosphaeria</i> spp.)	NSW, Qld, Vic, SA, WA only	20 mL/ 100m <sup>2</sup> in 150L water	Apply as a soil drench and water in immediately, ensuring thorough mixing with the soil. Spray in January to March, after renovation and recovery of active growth. Make a second application one month later where infection is severe. <b>DO NOT</b> renovate treated greens until active growth has recommenced in Spring. <b>DO NOT</b> spray in the Spring/Summer period prior to renovation. CRACKER JACK® 800 EC may cause bleaching of the grass after application in late Summer/Autumn and also produce a greening effect in the following Spring. Couch may be slow to recommence active growth in the Spring, particularly in cooler regions. These effects should be allowed to grow out before treating again. <b>DO NOT</b> apply more than twice per year

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

**WITHHOLDING PERIODS:**

*Barley, Oats, Wheat:* DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

*Perennial Ryegrass:* DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.

*Forage and fodder of Barley, Oats, Wheat:* DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

*Turf:* WITHHOLDING PERIOD NOT REQUIRED.

**GENERAL INSTRUCTIONS****MIXING**

Add the required amount directly to the spray tank and mix well.

**APPLICATION**

**Cereals:** May be applied by boom spray or aircraft. Ensure complete coverage of all leaves and stems is obtained. The object of spraying is to keep the upper 2 to 3 leaves green and functioning through grain filling stage.

With aircraft, as a guide apply 10 to 20L/ha with the lower rate being used when applications are made with a cross wind of not less than 5 knots. Use the higher rates when applying to dense crops.

Apply in sufficient water volume to ensure complete coverage of all leaves and stems.

**COMPATIBILITY**

A number of pesticides are compatible with CRACKER JACK® 800 EC mixed in the spray tank and used promptly. As it is impossible to know all the commercial products on sale, Imtrade CropScience cannot assume any responsibility for tank mix compatibility. Imtrade CropScience recommends to the user that a preliminary compatibility test be carried out with the planned mixture to reveal any the physical incompatibility.

Imtrade CropScience takes no responsibility for chemical incompatibility.



## FUNGICIDAL RESISTANCE WARNING

### GROUP 3 FUNGICIDE

CRACKER JACK® 800 EC is a member of the DMI group of fungicides. For fungicide resistance management CRACKER JACK® 800 EC is a Group 3 Fungicide. Some naturally occurring fungi resistant to CRACKER JACK® 800 EC or any other Group 3 Fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. The resistant fungi will not be controlled by CRACKER JACK® 800 EC or other Group 3 Fungicides, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, Imtrade CropScience accepts no liability for any losses that may result from the failure of CRACKER JACK® 800 EC to control resistant fungi.

### PRECAUTION

#### RE-ENTRY PERIOD

**DO NOT** enter treated area until spray has dried.

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

**Dangerous to fish.**

**DO NOT** contaminate streams, rivers or waterways with the chemical or used containers.

#### PROTECTION OF LIVESTOCK

**DO NOT** graze treated turf or feed grass clipping from treated area to poultry or livestock.

#### 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 other non-refillable containers*

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 (110L)**

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 (1000L only)**

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

### **SAFETY DIRECTIONS**

Harmful if swallowed. May irritate the skin. Will damage eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length chemical resistant gloves and goggles. In addition, when mixing and loading for aerial spray equipment, wear cotton overalls, over normal clothing, buttoned to the neck and wrist, elbow length chemical resistant gloves and goggles. In addition, if applying by low pressure hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat, elbow length chemical resistant gloves and goggles. If product in eyes, wash it out immediately with water. 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*). If swallowed **DO NOT** induce vomiting. Give a glass of water.

### **Additional GHS Hazard & Precautionary Statements**

- Combustible liquid; •May cause respiratory irritation; •May damage the unborn child;
- Very toxic to aquatic life with long-lasting effects; •Keep away from heat, sparks, open flames and hot surfaces – No smoking; •Avoid breathing fumes, mists, vapours or sprays; •**DO NOT** get on clothing; •Avoid contact during pregnancy or while nursing;
- DO NOT** eat, drink or smoke when using this product; •Contaminated work clothing should not be allowed out of the workplace; •**IF ON SKIN:** Wash with plenty of soap and water; •**IF ON SKIN (or hair):** Remove immediately all contaminated clothing. Rinse skin with water; •If exposed or concerned: Get medical advice; •If skin irritation or rash occurs: Get medical advice; •Collect spillage; •In case of fire, use carbon dioxide, dry chemical, foam. Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used.

## **SAFETY DATA SHEET**

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## **CONDITIONS OF SALE**

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<b>UN 3082</b>	<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains PROPICONAZOLE)</b>
<b>IN A TRANSPORT EMERGENCY, DIAL 000 POLICE OR FIRE BRIGADE</b>	
<b>PG III</b>	<b>HAZCHEM •3Z</b>



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