

# POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# Intruder<sup>®</sup>

insecticide

**ACTIVE CONSTITUENT:** 225 g/L ACETAMIPRID  
**SOLVENTS:** 515 g/L DIMETHYL SULFOXIDE  
334 g/L N-METHYL PYRROLIDONE

**GROUP 4A INSECTICIDE**

*For the control of cotton aphid and green mirids in cotton and green peach aphid in potatoes as specified in the Directions for Use table.*

*Distributed by:*  
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**Contents 5 L**

**DIRECTIONS FOR USE**

**Restrains:**

**DO NOT** apply from aircraft within 100 m of livestock downwind, downwind pasture or any downwind land that is producing feed for livestock.

**DO NOT** apply with aircraft when nozzles are higher than 3 m above the ground or crop canopy AND when wind speed is less than 3 or more than 20 km/h as measured by an anemometer at the application site or by an approved weather station within 5 km of the site. Use medium spray according to ASAE S572 definition for standard nozzles. Use upwind swath displacement.

**DO NOT** apply from aircraft unless the active boom width is less than or equal to 60% of the wingspan or 80% of the rotary blade length.

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Cotton	Cotton aphid ( <i>Aphis gossypii</i> )	Qld, NSW, WA, NT only	50-100 mL/ha + 0.2% v/v organosilicone penetrant (e.g. DuPont* Incide* penetrant)	Use the high rate under sustained heavy aphid pressure. If repeat applications are required, alternate with products from a different insecticide group (refer to <b>Cotton Aphid Resistance Management</b> under General Instructions). DO NOT apply more than 2 sprays per crop per season.
	Green mirid ( <i>Creontiades dilutus</i> )		100 mL/ha + 0.2% v/v organosilicone penetrant (e.g. DuPont Incide penetrant)	Target nymphs and/or adults when they reach the economic spray threshold. <b>On above threshold AND increasing green mirid populations, suppression only may be observed.</b>
Potatoes	Green peach aphid ( <i>Myzus persicae</i> )	All States	200 mL/ha	Apply as a foliar spray when infestations reach a treatment (or economic) threshold. If repeat applications are required, alternate with products from a different insecticide group (refer to <b>Green Peach Aphid Resistance Management</b> under general instructions). DO NOT apply more than 3 sprays per crop per season.  It is recommended that Intruder® be applied with a <b>non-ionic wetter</b> . Check manufacturer's directions for the appropriate use rate in horticultural crops.

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

**WITHHOLDING PERIOD**

**HARVEST:**

**COTTON – DO NOT HARVEST FOR 10 DAYS AFTER APPLICATION**

**POTATOES – DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**

**GRAZING:**

**COTTON – DO NOT GRAZE OR CUT FOR STOCK FOOD**

**POTATOES – DO NOT GRAZE OR CUT FOR STOCK FOOD**

**GENERAL INSTRUCTIONS**

**MIXING**

Shake container prior to opening. Two thirds fill the spray tank with clean water, and with the agitator operating, add the required quantity of INTRUDER. Top up the spray tank to the required volume with clean water with the agitator running. Add the required quantity of DuPont Incide penetrant (organosilicone penetrant) after mixing is complete and spray tank is filled to the required level. Maintain agitation while spraying.

**APPLICATION**

**Cotton**

**Ground application:** Ensure thorough coverage of foliage. This will require a water volume of at least 50 L/ha.

**Aerial application:** Ensure thorough coverage of foliage. This will require a water volume of at least 20-30 L/ha.

**Potatoes**

Apply by ground or aerial application methods in sufficient water to ensure thorough coverage of infested foliage.

### **SPRAY EQUIPMENT HYGIENE**

Before and after spraying INTRUDER, spray equipment including tanks, nozzles, filters and spraylines should be cleaned thoroughly with a commercially available tank and equipment cleaner such as All Clear® DS.

### **INSECTICIDE RESISTANCE WARNING**

#### **GROUP 4A INSECTICIDE**

For insecticide resistance management, INTRUDER Insecticide is a Group 4A Insecticide. Some naturally occurring insect biotypes resistant to INTRUDER and other Group 4A Insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if INTRUDER and other Group 4A Insecticides are used repeatedly. The effectiveness of INTRUDER on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use Nippon Soda Co Ltd and AgNova Technologies Pty Ltd accept no liability for any losses that may result from the failure of INTRUDER to control resistant insects. INTRUDER may be subject to specific resistance management strategies. For further information contact your local supplier, AgNova representative or local agricultural department agronomist.

#### **Cotton Aphid Resistance Management**

If repeat applications are required, alternate INTRUDER with a registered insecticide from a different chemical group. **DO NOT** apply consecutive applications of Group 4A insecticides.

#### **Green Peach Aphid Resistance Management**

If repeat applications are required, alternate INTRUDER with a registered insecticide from a different chemical group. Do not apply consecutive applications of Group 4A insecticides in any season, or between seasons.

### **COMPATIBILITY**

INTRUDER Insecticide is compatible with mepiquat chloride, thidiazuron ( $\pm$ diuron) and CottonQuik\*. When INTRUDER is added to CottonQuik + thidiazuron ( $\pm$ diuron) + oil for the first defoliation pass **DO NOT** add organosilicone penetrant to the mixture.

### **PRECAUTION**

**DO NOT** use human flaggers/markers unless they are protected by engineering controls such as vehicles with enclosed cabs.

### **RE-ENTRY**

**DO NOT** allow re-entry into treated areas until the spray deposits have dried.

When prior entry is necessary, wear cotton overalls buttoned to the neck and wrists (or equivalent clothing) and chemical resistant gloves. Clothing should be laundered each day.

### **PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

**DO NOT** apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/crops, cropping lands or pastures.

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

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

### **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-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals 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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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 or product.

### **SAFETY DIRECTIONS**

Not for therapeutic use. Poisonous if swallowed. Will irritate the eyes. Avoid contact with eyes and skin. Avoid breathing vapour or spray mist. When opening the container, preparing the spray, and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), rubber gloves and face shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. 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 13 11 26. If swallowed, **DO NOT** induce vomiting. Give a glass of water. If in eyes hold eyes open, flood with water for at least 15 minutes and see a doctor. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

**SAFETY DATA SHEET**

If additional hazard information is required refer to the Safety Data Sheet. For a copy visit our website at [agnova.com.au](http://agnova.com.au)

**CONDITIONS OF SALE**

AgNova Technologies Pty Ltd and Nippon Soda Co Ltd shall not be liable for any consequential or other loss or damage relating to the supply or subsequent handling or use of this product, unless such liability by law cannot be lawfully excluded or limited. All warranties, conditions or rights implied by statute or other law which may be lawfully excluded are so excluded. Where the liability of AgNova Technologies Pty Ltd and Nippon Soda Co Ltd for breach of any such statutory warranties and conditions cannot be lawfully excluded but may be limited to it re-supplying the product or an equivalent product or the cost of a product or an equivalent product, then the liability of AgNova Technologies Pty Ltd and Nippon Soda Co Ltd for any breach of such statutory warranty or condition is so limited.

Intruder® is a Registered Trademark of Nippon Soda Co Ltd

All Clear® is a Registered Trademark of AgNova Technologies Pty Ltd

\*CottonQuik, Incide and DuPont are Registered Trademarks

**APVMA Approval No: 58300/56671**

**Statements required by Safe Work Australia in accordance with GHS**

Combustible Liquid	Obtain special instructions before use. Keep away from heat, sparks, open flames and hot surfaces. No smoking.
May cause respiratory irritation	Do not breathe vapours/mist/spray
Suspected of damaging fertility or the unborn child	Do not eat, drink or smoke when using this product.
Causes damage to organs (bone marrow, spleen, adrenal, kidneys, respiratory apparatus, liver) through prolonged or repeated exposure	Use only outdoors or in a well-ventilated area. If inhaled, remove person to fresh air and keep comfortable for breathing. If exposed, concerned or feel unwell, get medical advice/attention.

In a transport emergency dial 000, Police or Fire Brigade.  
For specialist advice in an emergency only, call 1800 033 111 (24 hours).

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