

# CAUTION

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



# Cruiser<sup>®</sup> 350FS

Insecticide Seed Treatment

syngenta<sup>®</sup>

ACTIVE CONSTITUENT: 350 g/L THIAMETHOXAM

GROUP **4 A** INSECTICIDE

For treatment of cereal seed (barley and wheat) for the control of aphids and wireworm and stored grain pests in stored cereal planting seed (barley, oats, triticale and wheat) as per the Directions for Use

*Syngenta Australia Pty Limited*

*Level 1, 204 Lyonpark Road, Macquarie Park NSW 2113*

*In a transport emergency dial 000, Police or Fire Brigade*

*For specialist advice in an emergency only, call 1800 033 111 (24 hours)*

APVMA Approval No: 51833/120250

**FS**

Formulation type  
**Suspension Concentrate**  
for Seed Treatment

TM

## DIRECTIONS FOR USE

**Restraint:** DO NOT use treated seed for animal or human consumption

Crop	Pest	Rate	Critical Comments
<b>Barley, Wheat</b>	<b>Control of aphids including</b> Wheat/Oat Aphid ( <i>Rhopalosiphum padi</i> ), Corn Aphid ( <i>Rhopalosiphum maidis</i> ), Green Peach Aphid ( <i>Myus persicae</i> ), Cowpea Aphid ( <i>Aphis craccivora</i> ), Russian Wheat Aphid ( <i>Diuraphis noxia</i> )  <b>Reduced spread of</b> Barley Yellow Dwarf Virus (BYDV), Cereal Yellow Dwarf Virus (CYDV)  <b>Control of wireworm including</b> False Wireworm ( <i>Pterohelaeus</i> spp.), True Wireworm ( <i>Agrypnus variabilis</i> )	100 to 200 mL/100 kg seed	CRUISER 350 FS will protect cereal seedlings from early season aphid feeding damage and damage caused by wireworm. Use the higher rate in areas where higher pest pressure is expected or a longer period of control is required.  Protection of crops by early aphid infestation will reduce the spread of BYDV and CYDV. Crops should be monitored and sprayed as needed should there be later infestations by aphids
<b>Barley, Oats, Triticale, Wheat</b>	<b>Control of adult insects and progeny in storage</b> Lesser Grain Borer ( <i>Rhyzopertha dominica</i> ), Rice Weevil ( <i>Sitophilus oryzae</i> ), Saw-toothed Grain Beetle ( <i>Oryzaephilus surinamensis</i> ), Flat Grain Beetle ( <i>Cryptolestes ferrugineus</i> )  <b>Control of progeny of grain insects in storage</b> Rust Red Flour Beetle ( <i>Tribolium castaneum</i> )  <b>Suppression of adult grain insects in storage</b> Rust Red Flour Beetle ( <i>Tribolium castaneum</i> )	30 mL/100 kg seed	CRUISER 350 FS will provide protection from the listed stored grain pests for up to 9 months.  CRUISER 350 FS should be used as part of an integrated silo management plan. Grain intended for treatment should be of high quality and free of infestation.  If adult Rust Red Flour Beetles were to be detected after cleaning, the bulk should be disinfested by an approved fumigation or other registered treatment before application of CRUISER 350 FS.

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

### WITHHOLDING PERIODS

**Cereals:** Harvest: NOT REQUIRED WHEN USED AS DIRECTED  
Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER PLANTING

## GENERAL INSTRUCTIONS

### Application

#### *Treatment in small lots by the farmer*

May be applied by shaking with seed in a tin, enclosed drum, plastic bag or cement mixer.

1. Premix CRUISER 350 FS with water to a total volume of not less than 5 mL nor more than 10 mL/kg seed.
2. Apply solution to seed and vigorously mix for 1 to 2 minutes.

#### *Treatment of large seed lots by commercial seed treatment equipment*

For large scale seed treatment the product should be applied diluted with water in specialised seed treatment equipment. As for all such seed treatments, a good flow and metering system for the initial prepared solution is important. Depending on the type of seed treatment equipment, it may be necessary to increase the recommended amount of water slightly in order to ensure an optimal flow of the solution and an even treatment of seed.

Prepare the solution as follows

1. Fill the solution tank with the required volume of water and mix with the appropriate volume of CRUISER 350 FS. Total volumes of not less than 500 mL nor more than 1 L water/100 kg seed are recommended where CRUISER 350 FS is applied alone. If additional seed treatments are applied in combination with CRUISER 350 FS a higher total application volume may be required to ensure even coverage of seed.
2. Switch on the stirring system and stir.

### Insecticide Resistance Warning

GROUP	<b>4A</b>	INSECTICIDE
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For insecticide resistance management CRUISER 350 FS Insecticide Seed Treatment is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to CRUISER 350 FS and other Group 4 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if CRUISER 350 FS or other Group 4 insecticides are used repeatedly. The effectiveness of CRUISER 350 FS on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Syngenta Crop Protection accepts no liability for any losses that may result from failure of CRUISER 350 FS to control resistant insects. CRUISER 350 FS may be subject to specific resistance management strategies. For further information contact your supplier, Syngenta Australia representative or local agricultural department agronomist.

### Aphid Resistance Management

When cotton or cereal seed has been treated with CRUISER 350 FS, the first foliar insecticide spray must be from a different insecticide group (ie not Group 4A).

## PRECAUTIONS

DO NOT allow treated seed to contaminate grain or other seed intended for animal or human consumption. DO NOT feed treated seed, or otherwise expose, to wild or domestic birds.

**Protection of Birds:** Treated seed may be harmful to seed eating birds, and should be properly sown and completely covered by soil. Excess seed is not to be left in areas accessible to birds. Any spillage of treated seed which occurs either during the seed treatment process or in field operations must be cleaned up immediately, preferably by recovery and re-use.

When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated. Bags which have held treated seed should not be used for any other purpose.

## PROTECTION OF LIVESTOCK

DO NOT feed treated seeds to animals, including poultry.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

## STORAGE AND DISPOSAL

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

### **Non-refillable packs**

Triple or preferably pressure 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.

### **Refillable packs**

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

## SAFETY DIRECTIONS

**Will irritate the skin. Avoid contact with skin. When opening the container and using the product, wear:**

- cotton overalls buttoned to the neck and wrist (or equivalent clothing) and
- elbow-length PVC gloves

**Wash hands after use. After each day's use, wash gloves and contaminated clothing.**

## FIRST AID

**If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.**

## SAFETY DATA SHEETS

If additional hazard information is required refer to the Safety Data Sheet. For a copy phone 1800 067108.

## DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

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