

# CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



F.S.A.

# THIAMETHOXAM

**INSECTICIDE**

**SEED DRESSING**

ACTIVE CONSTITUENT: 350 g/L THIAMETHOXAM

GROUP **4A** INSECTICIDE

For Treatment of Barley and Wheat Seed for the Control of Aphids as per the Directions for Use

**IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT**



# DIRECTIONS FOR USE

## RESTRAINTS

DO NOT use treated seed for animal or human consumption.

CROP	PEST	RATE	CRITICAL COMMENTS
Barley, Wheat	<b>Control of aphids including</b> Wheat/Oat Aphid ( <i>Rhopalosiphum padi</i> ), Corn Aphid ( <i>Rhopalosiphum maidis</i> ), Green Peach Aphid ( <i>Myzus persicae</i> ), Cowpea Aphid ( <i>Aphis craccivora</i> )  <b>Reduced spread of</b> Barley Yellow Dwarf Virus (BYDV), Cereal Yellow Dwarf Virus (CYDV)	100 to 200 mL/ 100 kg seed	F.S.A. Thiamethoxam Insecticide Seed Dressing will protect cereal seedlings from early season aphid feeding damage.  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.

**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.

Premix F.S.A. Thiamethoxam Insecticide Seed Dressing with water to a total volume of not less than 5 mL nor more than 10 mL/kg seed. 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 to ensure an optimal flow of the solution and an even treatment of seed.

### Prepare the solution as follows.

Fill the solution tank with the required volume of water and mix with the appropriate volume of F.S.A. Thiamethoxam Seed Dressing. Total volumes of not less than 500 mL nor more than 1 L water/100 kg seed for cereals are recommended where F.S.A. Thiamethoxam Insecticide Seed Dressing is applied alone. If additional seed treatments are applied in combination with F.S.A. Thiamethoxam Seed Dressing, a higher total application volume may be required to ensure even coverage of seed.

Switch on the stirring system and stir.

## INSECTICIDE RESISTANCE WARNING

**GROUP 4A INSECTICIDE**

For insecticide resistance management F.S.A. Thiamethoxam Insecticide Seed Dressing is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to F.S.A. Thiamethoxam Insecticide Seed Dressing 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 F.S.A. Thiamethoxam Insecticide Seed Dressing or other Group 4A insecticides are used repeatedly.

The effectiveness of F.S.A. Thiamethoxam Insecticide Seed Dressing on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Four Seasons Agribusiness Pty Ltd accepts no liability for any losses that may result from failure of F.S.A. Thiamethoxam Insecticide Seed Dressing to control resistant insects.

F.S.A. Thiamethoxam Insecticide Seed Dressing may be subject to specific resistance management strategies. For further information contact your supplier, F.S.A. representative, or local agricultural department agronomist.

## Aphid Resistance Management

When cereal seed has been treated with F.S.A Thiamethoxam Seed Dressing, the first foliar insecticide spray must be from a different insecticide group (i.e., not Group 4A).

**PRECAUTIONS:** DO NOT allow treated seed to contaminate grain or other seed intended for animal or human consumption. 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. 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.

**PROTECTION OF LIVESTOCK:** DO NOT feed treated seeds to animals, including poultry.

**PROTECTION OF HONEYBEES AND POLLINATORS:** Toxic to bees and other pollinators. Care must be taken to avoid drift onto adjacent areas. DO NOT plant treated seeds in case of strong wind. When opening the seed bags or during filling or emptying of the drilling machine work up-wind to avoid dust exposure. When using a pneumatic vacuum drilling machine, the machine airflow with dust from treated seeds should be directed to the surface or into the soil, e.g., using deflectors. The use as seed treatment agent will not damage bees and other pollinators if label recommendations are followed.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:** DO NOT contaminate streams, rivers, or watercourses with the product, used containers or bags which have held treated seeds.

**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 containers

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.

### Refillable Containers

Empty contents fully into application equipment. Close all valves and return to point of supply 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 chemical resistant 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 Australia 13 11 26, New Zealand 0800 764 766.

**SAFETY DATA SHEET:** For further information refer to the Safety Data Sheet which is available from the supplier.

**CONDITIONS OF SALE:** The sale, supply and use of this product is beyond the control of the manufacturer, all warranties, express or implied under common law and statute are excluded. Four Seasons Agribusiness Pty Limited and its associated entities shall not accept any liability whatsoever (including consequential loss) or however arising (including negligence) for any damage, injury or death connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

**Harmful if swallowed. Suspected of damaging fertility. Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects.**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product.

**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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