



Mode of action

Thiamethoxam acts systemically in seeds and young plants, being taken up from the treated seed coat and translocated to all parts of the plant during germination. Thiamethoxam is considered to act by interfering with the nicotinic acetyl choline receptor of the nervous system of the insects.

Spectrum of activity

Cruiser provides broad-spectrum control of a wide range of early-season sucking and chewing insects as well as soil dwelling insect pests. Among insect pests controlled are aphids, thrips, jassids, wireworms, flea beetles, bugs, leafminers and fruit flies.

Limitations

Resistance

To avoid apparition of resistance, the first foliar application on crop seed dressed with thiamethoxam should not be done with a thiamethoxam product.

Crop tolerance

When used as recommended, Cruiser is well tolerated by all crops listed. In case of doubt, check crop tolerance first.

Directions for Use

To avoid risks to man and the environment, comply with the instructions for use.

Cruiser may first be mixed with a small amount of water before treating the seed (see table). The slurry obtained must be used within 24 hours.

Recommendations for use

Crop	Pest	Dosage/ 100kg seed	Comments
Wheat	Aphids,	150ml	to make a slurry in 0 - 1500 ml of water
Barley	jassids, wireworms thrips		Seedlings protected for 40 to 60 days after planting.

Seed treatment

- Add half the recommended quantities of clean water to the mixing jar. Then add the required amount of Cruiser. Top up with the remaining water. Agitate thoroughly to make the slurry.
- Load a known amount of seed into the mixing equipment (e.g. a concrete

mixer or off-center rotating drum)

- Add the slurry to the seed while mixing until an even coverage is achieved and no slurry remains in the bottom or on the sides of the mixer. Do not mix for longer than necessary. It is preferable to treat the seed immediately before planting. Unfavorable weather conditions such as prolonged drought after planting, excessive moisture or a combination thereof can cause delayed germination and reduced efficacy.

Compatibility

Cruiser 350 FS is compatible with Syngenta Seed treatment fungicides such as Dividend (difenoconazole).

Safety precautions

Do not smoke, drink or eat while using this product. If you get Cruiser on your skin, wash it off at once. If you spill it on your clothes, change and wash your work clothes at once. If inhaled move to clean air. See first aid instructions. For safety when using Cruiser: As with all chemicals avoid contact with the product as much as possible. Avoid harming fish. Do not wash contaminated equipment near water sources. Treat only seed that is to be planted during the same season. Mark bags containing treated seed clearly. Do not graze crop of which the seed has been treated within 8 weeks after planting. Treated seed may not be used for human or animal consumption. Protect from light. After application wash yourself, change and wash your work clothes. Wash out empty containers. Do not use it again. Crush or cut it then burn or bury it. Keep unused product in its original container, tightly closed, locked out of reach of children and away from foodstuffs.

FIRST AID

If the product is swallowed do not make the person vomit. Take the patient and this label to a doctor at once. In case of contact with the skin, remove contaminated clothing, wash affected body parts immediately with plenty of water and soap. Rinse splashes from eyes with plenty of fresh, clean water for several minutes. If inhaled, move to clean air. Medical treatment: administer medicinal charcoal in plenty of water if large quantities are swallowed otherwise apply symptomatic treatment.

Note: Never give anything by mouth to an unconscious patient and never induce vomiting.

Environment and wildlife

Toxic to aquatic organisms. DO NOT contaminate water used for irrigation or domestic purposes. DO NOT dispose of product wastes in water areas such as ponds, ditches, lakes, or in drainage systems.

Storage conditions

Store away from sun and damp, in a well ventilated area apart from food and feed, under lock and key. DO NOT contaminate food, feed or water. Avoid storage above 35°C. Do not stack containers higher than 2 metres, in order to avoid product compaction or damage.

Shelf life

At least two years from date of manufacturing, in original unopened containers.

User's Risk

The user bears the risks for damage resulting from factors beyond the manufacturer's control. Resistant strains of insect pests may develop or may exist against which insecticides may not be effective resulting in crop loss. Since the occurrence of such strains cannot be forecast, neither the manufacturer nor its distributors can accept responsibility for any loss or damage caused by failure of fungicides to control resistant strains. All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility therefor.

Before using the product, please read the attached label and accompanying packaging leaflet.

Use pesticides safely

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