

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



SEED TREATMENT

Active Constituent: 500 g/L ACIBENZOLAR-S-METHYL

For suppression of Fusarium Wilt and Black Root Rot of Cotton by activating the plant's natural resistance mechanisms

APVMA Approval No: 60556/1/0507 **Pack size:** 1 L

GENERAL INSTRUCTIONS

BION is an inducer of host plant resistance. BION exhibits a unique mode of action that stimulates the natural systemic acquired resistance (SAR) response found in most plant species. BION has no direct activity against target pathogens.

Application

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 BION. Total volumes of not less than 500 mL nor more than 1.2 L water/100 kg of seed are recommended when BION is applied alone. If additional seed treatments are applied in combination with BION a higher total application volume may be required to ensure even coverage of seed.
 2. Switch on the stirring system and stir.
- The prepared solution must be used within 1 week.

PRECAUTIONS

DO NOT use treated seed for animal or human consumption. 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.

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.

Re-handling treated seed: Wear disposable masks when handling treated seeds for sowing.

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

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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. Wash hands after use.

When opening containers and preparing treatment solution wear cotton overalls buttoned to the neck and wrists (or equivalent clothing).

FIRST AID


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

Material Safety Data Sheet

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone 1800 025 931 or visit our website at www.syngenta.com.au

MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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DIRECTIONS FOR USE

Crop	Disease	Rate	Critical Comments
Cotton	Suppression of: Fusarium Wilt caused by <i>Fusarium oxysporum</i> f.sp. <i>vasinfectum</i> Black Root Rot caused by <i>Thielaviopsis basicola</i>	1.2 mL /100 kg seed	Apply diluted with water to clean seed before sowing. This seed treatment should be used as part of an integrated management strategy to control Fusarium Wilt and Black Root Rot.

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

WITHHOLDING PERIOD

Harvest: NOT REQUIRED WHEN USED AS DIRECTED

EXPORT SLAUGHTER INTERVAL

An export slaughter interval is not required when used as directed