



Cotton Event 15985

ACTIVE CONSTITUENT:

***Bacillus thuringiensis* subsp. *kurstaki* delta endotoxins as produced by the *Cry1Ac* and *Cry2Ab* genes and their controlling sequences**

GROUP	11C	INSECTICIDE
-------	-----	-------------

For in-built protection of cotton against the Cotton Bollworm and Native Budworm

READ BEFORE OPENING THIS BAG

Cottonseed in this bag contains the Bollgard II technology by Monsanto

APVMA Approval No. 55786/1206

DIRECTIONS FOR USE

For use in the cotton production areas of Australia as referenced by the endorsed Resistance Management plan for each geographic area. Cotton containing the Bollgard II technology must be grown in accordance with these directions and the conditions set out in the current Bollgard II Technology User Agreement. Read before planting.

Control of Cotton Bollworm and Native Budworm (Heliothis pests)

Cotton containing the Bollgard II technology expresses *Bacillus thuringiensis* subsp. *kurstaki* delta endotoxin proteins for the control of the following Lepidopteran cotton insect pests:

- Cotton Bollworm *Helicoverpa armigera*
- Native Budworm *Helicoverpa punctigera*

Cotton containing the Bollgard II technology will provide significant protection of cotton against the Cotton Bollworm and Native Budworm. Supplemental insecticide control may still be required under conditions of high pest pressure or high plant stress to maintain *Heliothis* populations below economically damaging levels.

Monitor crops regularly and apply insecticide treatments if necessary. Recommendations developed by the Australian Cotton Research Institute may be used as a guide for treatment thresholds. Insecticide selection should comply with the Insecticide Resistance Management Strategy for Conventional Cotton for the current year. For optimum efficacy, manage crops and inputs to avoid plant stress. Note that eggs and very small larvae (neonates/first instar) will be observed in the crop, as larvae must feed before being controlled by the Bollgard II technology.

The Bollgard II technology is not registered to control other pests. Other pests should be monitored and treated using the recommended thresholds.

Resistance management

Preventative resistance management is designed to keep *Helicoverpa* resistance to non-detectable levels and so extend the benefits of Bollgard II cotton into the future. Growers must practise preventative resistance management as detailed in the 'Resistance Management Plan for Bollgard II Cotton' (the Plan) **for the current year**, as included in the Bollgard II Technology User Agreement. Note that separate Plans apply in different geographic regions. Additional copies of the current year Plan may be obtained from any Technology Service Provider or Monsanto.

Crop management

Always grow a Bollgard II cotton variety that is appropriate for the local area. Use the best agronomic and crop management practices for the area. For optimum efficacy, manage agronomic inputs to avoid plant stress and to achieve early plant maturity. Follow integrated pest management principles and utilise crop management practices that minimise pest incidence.

IMPORTANT NOTICE

The Bollgard II technology by Monsanto is registered by the Australian Pesticides and Veterinary Medicines Authority (APVMA) under the Agricultural and Veterinary Chemicals Code. Bollgard II technology is protected under licensee in Australia of Patent Nos 638438 and 762748. This seed may only be used by growers who have a current Bollgard II Technology User Agreement with Monsanto Australia Limited governing the use of the Bollgard II technology. Any use of the Bollgard II technology that contravenes the Agreement will be subject to claims of patent infringement and/or breach of Agreement.

LIMIT OF WARRANTY AND LIABILITY

Buyers and all users are deemed to have accepted the terms set out in the Technology User Agreement upon opening this bag of cottonseed containing the Bollgard II technology.



Monsanto Australia Limited

A.C.N. 006 725 560

12/600 St. Kilda Road, Melbourne 3004

For product information call 03 9522 7122

Copyright Monsanto Australia Limited, 2002.

® Registered trade mark of Monsanto Technology LLC, used under licence by Monsanto Australia Limited