

## Summary of Risk Assessment

### General information

1. Country taking decision or making declaration: Indonesia
2. Title of risk assessment: Transgenic Bt cotton resistant to the cotton stem borer (event MON-00531-6)
3. Competent National Authorities: Department of Agriculture (Feed Safety, Fresh Food Safety)  
Agency for Agricultural Research and Development (**AARD**), **Indonesia**  
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### LMO information

4. Living modified organism: Transgenic Bt cotton resistant to the cotton boll worm

### Characteristics of modification

5. Insert or inserts Cry1Ac delta-endotoxin (*Bacillus thuringiensis subsp. kurstaki (Btk)*) and neomycin phosphotransferase II (*Escherichia coli*)

### Detection and identification of the living modified organism

6. Detection and identification methods PCR, Southern blot, immune assays, serology assays, functional assay

### Intended use and receiving environment

7. Intended use of the LMO: Commercial/Agriculture
8. Receiving environment : Agriculture landscape in South Sulawesi, district Takalar, Gowa, Bantaeng, Bulukumba, Bone, Soppeng dan Wajo.

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**Risk assessment summary**

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| 9. Summary of risk assessment or environmental review <sup>1</sup> : | <ul style="list-style-type: none"><li>• Transgenic Bt cotton event 531 does not exhibit any growth or phenotypic abnormalities</li><li>• Transgenic cotton Bt does not exhibit <i>weediness</i> characteristics that has the potential to become weeds and does not have negative impacts to its habitat</li><li>• Transgenic cotton Bt does not have negative impacts on useful insects.</li><li>• Overall risk assessments: Transgenic cottons (DP 90 B and PM 1560 B-event 531) are safe for environment and biodiversity; and exhibit the same characteristics as the nontransgenic counterpart</li></ul> |
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Approval for environmental release in 2001, 2002 and 2003 in 7 districts in South Sulawesi

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**Further risk assessment summary information**

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| 10. Novel genotypic and phenotypic characteristics: | Insect resistant cotton  |
| 11. Likelihood of adverse effects being realized:   | Possibility of insect mutation causing development of resistant insect when no risk management applied |
| 12. Possible consequences:                          | New strain of insect   |
| 13. Risk management strategies                      | Insect refugee risk management   |

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**Additional information**

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| 14. Relevant documents or links : | <a href="http://www.indonesiabch.org">www.indonesiabch.org</a> |
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