

NORTHERN



COTTON GROWERS



Sustainable cotton growing in
the Northern Territory



Northern Cotton



Key Research
Partners

Bollgard Cotton

- Bollgard Cotton- Engineered to resist lepidopterous pest insects using soil microorganism
- First released in Australia 1996 - *Ingard*
- *Bollgard II* (2003)
- *Bollgard III* (2016)
- *Round up Ready* (2000)
- *Roundup Ready Flex* (2006)





Cotton Boll



Heliothis Caterpillar

Weed infested cotton crop



Round up ready cotton sprayed for weeds



Same Field



Dryland Cotton – Rain Grown

- Raingrown Cotton
- Mulch layer
- GPS guidance
- Minimum Tillage



Irrigated Cotton

- Pivot and drip Irrigated Cotton
- Mulch layer
- Minimum Tillage
- GPS guidance
- Sensors for water efficiency



myBMP



Best Management Practice

- Bio security
- Energy and input efficiency
- Fibre quality
- Hr and whs
- Integrated pest management –Insects
- Weeds and Disease
- Pesticide management
- Petro chemical storage and handling
- Soil health
- Sustainable natural landscape
- Water management

The Facts



Cotton is water efficient.



Cotton uses far less pesticides and chemicals now than ever before. 90-95% reduction.



Cotton farms are family owned 575ha directly creates 9 jobs.



Cotton is valuable to the economy Approximately \$2.8 Billion dollars in exports.



Cotton is a natural fibre.