

Cotton Annual 2013

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A COLLECTION OF STATISTICS
ACROSS 20 KEY AREAS
OF AUSTRALIAN
COTTON PRODUCTION

Welcome to the first Cotton Australia Cotton Annual

Each year Cotton Australia will publish this pocket-sized book, a collection of up-to-date statistics about 20 key areas of cotton production in Australia: crop size, area, forecasts, yield, quality, price, water, biotechnology and a whole lot more.

Unless stated otherwise, the numbers quoted in this booklet relate to the **2011-12 Australian cotton crop**. Sources and references are identified at the back.

For more information, statistics and facts please visit www.cottonaustralia.com.au

Cotton Australia is the peak representative body for Australia's 1250 cotton farms.



2012-13 season forecast

(as at Dec 2012)

4.15

million bales

444,840

hectares

This is a
reduction of

20%

compared to the 2011-12
harvested area



Number of Cotton Farms

1,250

approximately half
in NSW and half
in Queensland

Average area of cotton on a farm

467

hectares

(five year average,
2008-09 to 2012-13)

Contribution to regional and rural Australian workforce

The average
cotton farm
provides
jobs for

6.4
people

In 2012 cotton
provided
employment for

8,000
people

across northern NSW
and southern QLD alone

Communities where cotton is grown

Cotton is
grown in

152

regional communities across
NSW and Queensland

Previous Crop Size – Harvested

566,000

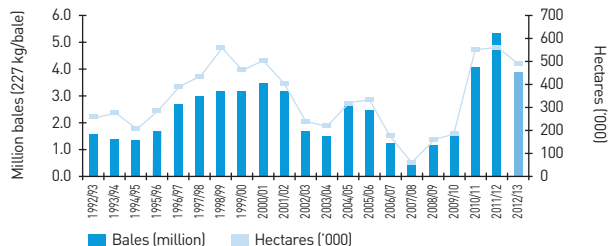
hectares

largest crop ever!

5.3

million bales

20 YEAR HISTORY OF CROP PRODUCTION



State Split

44%

of the crop was grown in Queensland

56%

of the crop was grown in NSW

*Dryland /
irrigated*

(% of area)

20%

of the crop was rain grown (dryland)

80%

was irrigated

Yield

9.46

bales/hectare

Overall average yield

Irrigated cotton yield

9.7

bales/hectare

4.8

Dryland
cotton yield
bales/hectare

Over the last 20 years,
Australia's irrigated cotton
yield has increased by

28%

- ⦿ Australia's cotton growers produce yields two and a half times the world average – and have done for 20 years running

Farm Gate Value

(seed and lint)

The Australian cotton crop was worth almost

\$3 billion

Value of cotton lint

\$2,571,002,000

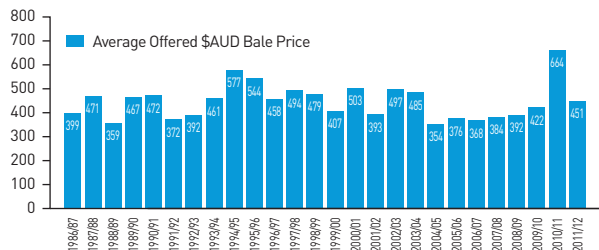
Value of cottonseed

\$241,031,000

Price

average offered price of a bale of cotton

\$451



Quality

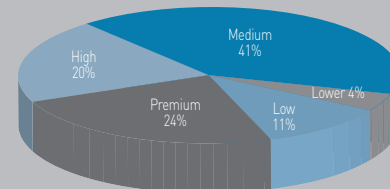
85%

of Australia's cotton crop met the base grade with only 15% of the crop attracting a discount on the world market

44% ✓

was graded as premium or high quality, attracting a higher price on the world market

QUALITY OF AUSTRALIA'S COTTON CROP



World Market

In 2011-2012, world cotton production was approximately

118.8
million bales

In 2011-2012, world cotton consumption was approximately

101.2
million bales

Australia's place in the world cotton market

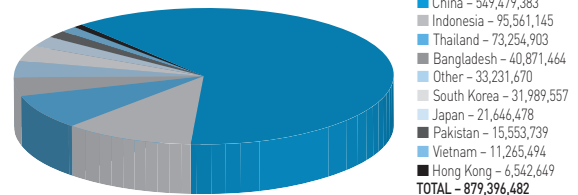
- Australia is the fourth largest exporter in the world (behind USA, India and Uzbekistan)

Over

99%
of Australia's raw cotton is exported
70% is sold to China

AUSTRALIA'S RAW COTTON EXPORTS IN 2011 (KG)

(source: ABARES)



*Area
planted
using
biotechnology*

99.2%

of Australia's cotton crop was grown
with varieties containing biotech traits

*Insect Pest
Control*



Australian cotton growers have
reduced their insecticide use by

87%

over the past 10 years

*% of catchment
used to
grow cotton*

Cotton crops occupy less than

>5%

of the catchment areas in which they operate

*% of native
vegetation on
cotton farms*

Around

40%

of cotton farm
area is
dedicated
to native
vegetation

Cotton's total water use

In 2010-11, the largest area of irrigated land in Australia was pasture for grazing, which accounted for

538,000
hectares or **27%**
of the total area irrigated

The largest volume of irrigation water was applied to cotton, which used

1,882
gigalitres or **28%**
of the national irrigation total for the year (6,645 gigalitres)

Cotton crop water requirements

Cotton's average irrigation requirement is

5.2
megalitres per hectare

This compares to other summer crops such as:

rice

(10.1 ML/ha)

maize

(8-9 ML/ha)

soybeans

(6-8 ML/ha)

nurseries, cut flowers and turf

(4.2 ML/ha)

Water use efficiency

The Australian cotton industry has achieved a

↑ 40%

increase in water productivity
over the last decade

Australian cotton growers have
almost doubled their irrigation
water use index from

1.1
bales/megalitre
in 2000-01 to

1.9
bales/megalitre
in 2009-10

SOURCES

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Cotton Australia (compilation of industry sources)

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Cotton Australia database + Monsanto Australia audited numbers

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Cotton Australia Database (based on Monsanto Australia audited numbers). This is a five year average, from 2008-09 to 2012-13

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Judith Stubbs & Associates Report 2011

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Towns list, Cotton Australia database

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Cotton Australia tables
Dryland yield is for field hectares

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Cotton Australia tables
Farm gate value based on AUD \$480/bale average offered price

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Australian Cotton Shippers Association

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ICAC (data in metric tonnes converted to Australian bales by multiplying the tonne number by 4.4 – (x4 227kg bales in a metric tonne)

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ABARES, Australian Cotton Shippers Association

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Monsanto Australia

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CCA Audit (CRDC)

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Australian Cotton Water Story 2012

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2011 Cotton Grower Survey, CRDC and Cotton CRC

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ABS Water Use on Australian Farms 2010-11

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ABS Water Use on Australian Farms 2010-11

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The Australian Cotton Water Story 2012