


South African



Cotton production and research report

Two inset photographs are positioned on the left side of the slide. The top photograph shows a single, bright yellow cotton flower in full bloom against a green background. The bottom photograph shows several cotton bolls, some open and white, and some still in their green husks, hanging from a stem.[illegible]

Background

Functions of Cotton SA...



- Overseeing Cotton Sector Strategic Plan
 - In November 2001, President Mbeki published the Strategic Plan for South African Agriculture with the vision of “A united and prosperous agricultural sector” and its main strategic goal “To generate equitable access and participation in a globally competitive, profitable and sustainable agricultural sector contributing to a better life for all”. The plan aims to achieve this through employing three core strategies that aim to:
 - Enhance equitable access and participation,
 - Improve global competitiveness and profitability, and
 - Ensure sustainable resource management in the sector.
 - Five complementary or enabling strategies support the core strategies. These are good governance, integrated & sustainable rural development, knowledge & innovation, international cooperation and safety and security.



Background



Functions of Cotton SA...




-Overseeing Cotton Sector Strategic Plan
 - In support of the President's call for closer partnership between the public and private sectors to develop action plans to help realise this vision, South Africa's cotton growers joined by their input suppliers, output processors and the National Department of Agriculture, developed a strategic plan for the South African Cotton Sector with the following strategic objectives.
 - Growing farm output
 - Broadening participation
 - Ensuring sustainability
 - Raising productivity by training
 - Expanding exports
 - Accelerating the elimination of unfair competition



Functions of Cotton SA...

- Act as industry forum
- Apply for appropriate statutory measures in terms of the Act and to administer such measures
- Rendering of information services
- Act as advisory body to various government departments
- Small-scale farmer development





Functions of Cotton SA...

- Enhancement of the marketability of cotton through research, quality standards and norms as well as training
 - Website
 - Cotton SA magazine
 - Regular Meetings of the South African Cotton Producer's Organizations (regional)
 - Information/Farmers days in collaboration with other stakeholders



...Functions of Cotton SA

- Stimulation of production & use of cotton - Cotton Mark
 - Enable consumer to identify SA cotton goods manufactured locally by our own labour force
 - Inform the consumer about quality and inherent characteristics contained in cotton merchandise
 - Share in on-going promotional and marketing campaigns by creating a consumer and trade awareness on a national basis
 - The use of a registered trademark, which is protected by SA law
 - The use of the cotton mark contributes to the socio-economical upliftment of people living on marginal agricultural land

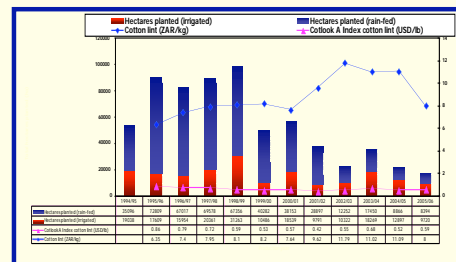


Pure Blend



KATOEN
SOUTH AFRICA
COTTON
SOUTH AFRICA

Production statistics



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Lint production, imports, consumptions & exports

MARKETING YEAR	PRODUCTION	LINT IMPORTS FROM:			TOTAL LINT CONSUMED	EXPORTS	AVG. RSA LINT PRICE**
		ZIMBABWE	ZAMBIA	OTHER			(R/kg)
1997/98	31 134	24 187	0	27 601	63 816	0	795
1998/99	42 381	17 143	3 121	12 736	69 403	11 113	810
1999/00	53 144	11 322	9 310	8 553	75 050	4 139	820
2000/01	29 788	18 852	8 839	3 931	65 115	1 254	784
2001/02	38 834	18 516	9 211	9 801	77 826	0	863
2002/03	21 238	18 964	23 098	11 432	77 427	0	1179
2003/04	16 348	14 150	19 218	14 255	67 829	0	1582
2004/05	28 621	9 831	12 687	7 179	58 224	0	1909
2005/06	22 641	1 680	18 174	7 576	48 156	6 589	737
2006/07	14 483	11 891	17 957	9 314	46 111	7 723	723
2007/08**	11 288	net	43 000 total imports	47 968	7 786	889	
2008/09**	10 798	net	43 000 total imports	47 800	8 480		

** Lint produced in the RSA & Sourced from RSA, Swaziland, Zimbabwe, Mozambique and Botswana seed cotton.

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 ** Estimates

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Hectares planted



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Average Yields



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Cotton production in South Africa


- 8 agro-climatological regions
- Irrigated and dry-land production systems
- Commercial and small-scale/subsistence farmers
- Cultivars - Monsanto



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Production

Recommended cultivars



ARC • LNR

Research

Research at the ARC-IIC

- Cultivar development
- Crop production
 - Agronomy
 - Soil science
 - Soil, plant & water analytical labs
- Plant protection
 - Plant pathology
 - Entomology
 - Nematology
 - Disease clinic
- Development projects



Research

Cultivar development

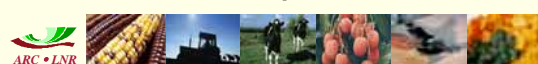
- South African *Gossypium* germplasm collection
- Conventional breeding programme
 - High yielding, high fibre quality characteristics
 - Verticillium wilt tolerance
 - Insect resistance



Research

Crop production


- Agronomy & Soil Science
 - Cultivar evaluation
 - Low input production systems
 - Minimum tillage for cotton production under irrigation
 - Evaluation of cotton cultivars for optimum planting date
 - Chemical control of morning glory
 - Weed control for the small-scale farmer under dry-land conditions
 - Chemical control of horse's tail for the small-scale farmer in the Northern Cape Province
 - Weed control for the small-scale farmer in the Eastern Cape
 - Cultivar evaluation
 - Weed control
 - Evaluation of different nitrogen levels, planting dates and different cotton cultivars in the Eastern Cape



Research

Plant protection


- Plant pathology
 - Integrated cotton pests and disease management for improved yield and fibre quality in the SADC region
 - Resistance/tolerance evaluation
 - Fusarium wilt and nematodes (ARC+NC-DAL)
 - GIS-based remote sensing for monitoring of disease outbreaks (NC-DAL)
- Nematology
 - Integrated nematode control strategy



Research

Plant protection

- Entomology
 - Prevention of honeydew on cotton through the control of aphids and whiteflies
 - Alternative bollworm control strategies for the small-scale farmer
 - Towards an integrated control of ground weevil in Moutse-West cotton fields
 - Susceptibility of cotton cultivars to insect pests
 - Survey of insect pests on cotton for small-scale farmers in the Eastern Cape
 - Organic insecticides and nematicides for small-scale cotton farmers



Technology transfer

Development projects

- Training and Technology Transfer to small-scale cotton farmers
- Cotton demonstration plots on irrigation schemes
- Promoting cotton as an alternative or rotation crop for small scale farmers

Thank you

