



Country Report: Cotton Situation in Argentina

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Argentina features



- capital Buenos Aires
- the official language is Spanish
- religion: Argentines are 92.1% Christian (Roman Catholic), 3.1% agnostic, 1.9% Muslim, 1.3% Jewish, 0.9% atheist, and 0.9% Buddhist and other.
- is the second largest country in South America.
- In 2009, Argentina had a population estimated of 40,134,425. The population growth rate estimated to 0.92% annual
- Argentina ranks third in South America in total population and 33rd globally.
- Population density is of 15 persons per square kilometer of land area, well below the world average of 50 persons.

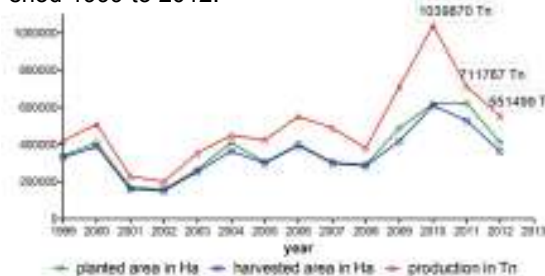
Cotton: Location and cultivated areas



- Planting can be divided into two broad areas: A) - upland region (85% of area), in the provinces of Chaco, Formosa, Corrientes, Entre Rios and northern Santa Fe and Santiago del Estero sector B) - Region of irrigation (15%) in the provinces of Santiago del Estero, north of Cordoba, Catamarca, La Rioja, San Luis and Salta..
- 11 million Ha, with potential conditions of soil and climate to produce cotton.



Plantings, harvesting and production of seed cotton . Period 1999 to 2012.



Average of the last four years

	Planted Area (ha)	Area harvested (ha)	Seed Cotton Yield (Kg/ha)	Production (Tn)
Production	534,881	479,889	1,568	753,816

Source: <http://www.minagri.gob.ar/site/index.php>

Current status of cotton farmer

There are different strata of farmer:

More than 600 ha large farmers

Medium 100 to 600

Small farmers from 10 to 100 ha

Smallholders ½ to 10 ha

} Government Assistance



Varieties available

Biotech cotton 2 varieties Bt/RR and 1 RR

Conventional varieties about 7

Around 98% of the area sown to cotton is BT Cotton.

Approximately 85% of the area is planted with only one variety.



Crop Systems

No-tillage cropping systems

To Reduce Wind Erosion Losses

The system of cotton production in Argentina has changed in recent years.

Distance between rows reduced and plant population increase

Cropping system in narrow rows is predominant



Pest and Disease

Main pest



Cotton boll weevil
(*Anthonomus grandis*)



"BLUE DISEASE"

AGENTE CAUSAL: Virus
AGENTE VECTOR: Cotton aphid (*Aphis gossypii* Glover)






Causal Agent:
Luteovirus (grupo de virus similares al denominado "Barley Yellow Dwarf" o mosaico del enanismo de cebada y trigo) (Tec. de ELISA) sobre extractos de pecíolos y raíces de plantas enfermas.



Harvest

The harvest is almost fully mechanized. in the country there are two types of harvesters. 1 picker (40%) and 2 stripper (60%).



Ginning

Currently exist in the country about 91 ginning plants
Capacity of gin 1,771,500 TN

Quality of Argentina cotton

Concepto	Longitud Mm	Resistencia g/tex	Micronaire Índice
Muy alto	superior a 30,0	superior a 31	superior a 5,0
Alto	29,1 a 30,0	29 a 31	4,6 a 5,0
Medio	27,1 a 29,0	24 a 28	3,7 a 4,5
Bajo	26,0 a 27,0	22 a 23	3,2 a 3,6
Muy bajo	inferior a 26,0	inferior a 22	inferior a 3,2

Source: Laboratory of Cotton Fibre Technology of Agricultural Experimental Station INTA Saenz Peña

Cotton Production Problems.

Inability to have local Bt varieties.

The high percentage of farmers using own seed.

Insufficient information about the quality of cotton produced in different regions and pollution problems by mixing either cotton or presence of foreign material in the fiber.

Thank you very much for your
attention

