

USDA Foreign Agricultural Service

GAIN Report

Global Agricultural Information Network

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Tunisia

Agricultural Biotechnology Annual

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Report Highlights:

In 2014, Tunisia drafted a biosafety framework, which is currently with Parliament awaiting debate and approval. Since then and presently, political, economic, and security needs have taken precedence.

While free of restrictions, agricultural biotechnology activities in Tunisia have effectively remained limited to building scientific capacity and understanding of the technology with no genetically-engineered products having been developed or commercialized for local production. In trade, Tunisia continues to take advantage of agricultural biotechnology resources, particularly to support its development as a competitive livestock and poultry producer.

Table of Contents

Section I. Executive Summary:	3
Section II. Plant and Animal Biotechnology	4
CHAPTER 1: PLANT BIOTECHNOLOGY	4
PART A: Production and Trade.....	4
PART B: Policy.....	4
PART C: Marketing	5
CHAPTER 2: ANIMAL BIOTECHNOLOGY.....	6
PART D: Production and Trade.....	6
PART E: Policy.....	6
PART F: Marketing.....	6

Section I. Executive Summary:

With the support of the United Nations Environment Program, in 2014, Tunisia drafted a biosafety framework, which is currently with Parliament awaiting debate and approval. Meanwhile, the National Biosafety Committee, which would assist political and administrative decision making, is also awaiting establishment. These matters remain lesser priorities behind more pressing political, economic, and security needs.

While free of restrictions, agricultural biotechnology activities in Tunisia have effectively remained limited to building scientific capacity and understanding of the technology. No genetically-engineered products have been developed or commercialized for local production.

In trade, Tunisia continues to take advantage of agricultural biotechnology resources, particularly to support its development as a competitive livestock and poultry producer.

Section II. Plant and Animal Biotechnology

CHAPTER 1: PLANT BIOTECHNOLOGY

PART A: Production and Trade

- a) Product Development: While Tunisia has no GE products, seed, or propagation material under development, it does conduct limited research activities.
- b) Commercial Production: None.
- c) Exports: Not applicable.
- d) Imports: Tunisia is a major importer of corn products (Americas: 50% market share), soy products (Americas: 70%), and sugar products (Brazil: 55%) while a lesser importer of alfalfa products (EU: 99%), rapeseed products (EU: 100%), and cotton products (EU: 75%). Imported feed ingredients are a necessity for Tunisia's livestock and poultry production. Imported sugar and vegetable oils are controlled by the State with relatively high consumption levels supported by subsidized consumer prices.

Official USDA Production, Supply, and Distribution Estimates, 2016/17

Commodity	Production	Imports	Exports	Domestic Consumption	Unit Description
Corn	0	1,300	0	1,300	(1000 MT)
Oilseed, Soybean	0	540	0	535	(1000 MT)
Meal, Soybean	412	180	15	590	(1000 MT)
Oil, Soybean	98	160	5	255	(1000 MT)
Oil, Rapeseed	0	2	0	3	(1000 MT)
Sugar, Centrifugal	15	455	0	470	(1000 MT)
Cotton	10	30	0	40	(1000 480 lb. Bales)

Source: <https://apps.fas.usda.gov/psdonline>

- e) Food Aid: Not applicable. Tunisia is neither recipient nor provider of food aid.
- f) Trade Barriers: None.

PART B: Policy

- a) Regulatory Framework: With the support of the United Nations Environment Program, in 2014, Tunisia drafted a biosafety framework, which is currently with Parliament awaiting debate and approval. Meanwhile, the National Biosafety Committee, which would assist political and administrative decision making, is also awaiting establishment. These matters remain lesser priorities behind more pressing political, economic, and security needs.
- b) Approvals: Not applicable.

- c) Stacked or Pyramided Event Approvals: Not applicable.
- d) Field Testing: Not applicable.
- e) Innovative Biotechnologies: Not applicable.
- f) Coexistence: Not applicable.
- g) Labeling: While Tunisia's Ministries of Trade and Public Health published a [Joint Order](#) on September 3, 2008, which states, "*Art. 7 - In the case of a foodstuff containing genetically modified organisms, mention must be made clearly on the labeling according to the regulations in force,*" no such regulations are currently in force.
- h) Monitoring and Testing: Several Tunisian laboratories, namely the National Gene Bank, the Technical Agro-Food Center, the Central Laboratory of Analysis and Trials, and the Seed Control Laboratory have the capacity to monitor and test if needed.
- i) Low Level Presence (LLP) Policy: Not applicable.
- j) Additional Regulatory Requirements: Not applicable.
- k) Intellectual Property Right (IPR): Tunisia is a member of the World Intellectual Property Organization (WIPO), and as a member of the WTO, also party to the TRIPS agreement. Applicable Tunisian laws with respect to IPR include [Law # 2001-36](#) enacted on March 17, 2001 and completed by the [Law # 2007-50](#) dated July 23, 2007. Registration with the National Institute for Standardization and Industrial Property (INNORPI) is required to obtain protection and is normally issued upon filling an application for registration.
- l) Cartagena Protocol Ratification: Tunisia ratified the Cartagena Protocol in June 2002.
- m) International Treaties/Fora: Tunisia is a signatory of the Convention on Biological Diversity (May 1993) and a member of the International Plant Protection Convention and Codex Alimentarius.
- n) Related Issues: Not applicable.

PART C: Marketing

- a) Public/Private Opinion: Tunisian policymakers and researchers are largely aware of biotechnology's potential to help Tunisia alleviate national food security challenges. Meanwhile, most Tunisian consumers remain unaware of biotechnology, and virtually all of those that are aware feel they are not well-informed.
- b) Market Acceptance: Not applicable.

- c) Marketing Studies: Not applicable.

CHAPTER 2: ANIMAL BIOTECHNOLOGY

PART D: Production and Trade

- a) Product Development: Neither GE animals nor cloning are under development in Tunisia.
- b) Commercial Production: Tunisia produces no GE livestock or clones.
- c) Exports: Not Applicable
- d) Imports: Not Applicable
- e) Trade Barriers: Not Applicable

PART E: Policy

- a) Regulatory Framework: Same as *Plant Biotechnology*.
- b) Innovative Biotechnologies: Not applicable.
- c) Labeling and Traceability: Same as *Plant Biotechnology*.
- d) Intellectual Property Rights (IPR): Same as *Plant Biotechnology*.
- e) International Treaties/FORA: Tunisia is a member of Codex Alimentarius and the World Organization for Animal Health (OIE)
- f) Related Issues: Not Applicable

PART F: Marketing

- a) Public/Private Opinions: Same as *Plant Biotechnology*.
- b) Market Acceptance/Studies: Not Applicable