

Nemzeti
Tehetség Program


HUNGARIAN GOVERNMENT

EMBERI ERŐFORRÁS
TÁMOGATÁSKÉZELŐ



Agriculture in Mexico

Brief Historical description and nowadays overview

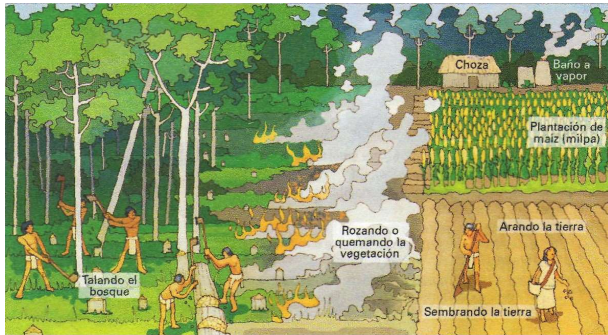
Rivera Arzu

Brief Historical Description

7000-8000 B.C.
Toltecs



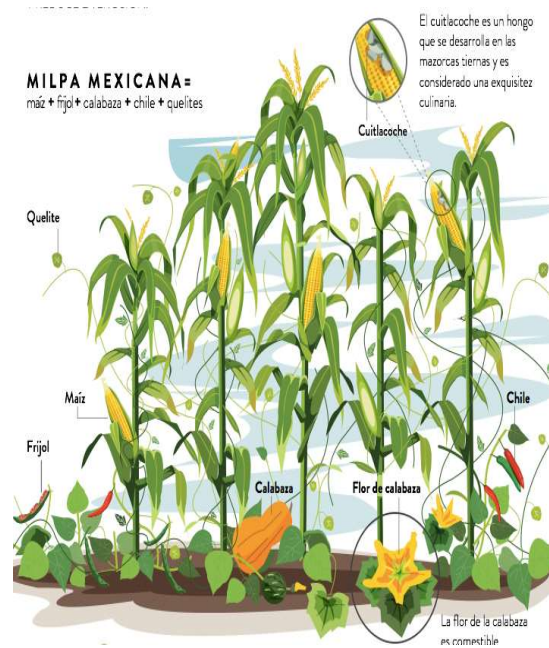
Precolombine Agriculture



Milpa: ancient agriculture system

Chili, beans, pumpkin, quelites, maíz.

To fertilize the soil each year they burn what is left (slash and burn).

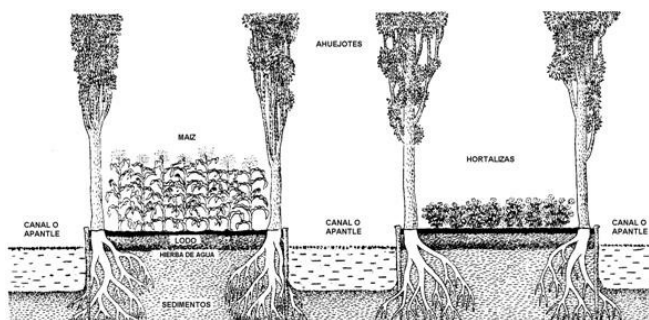


Aztec Agriculture 1300 A.C.



Chinanpas

- Flowers
- Milpa
- Lemon, watermelon
- Green peas
- Alfalfa
- Spinach
- Radish
- arugula



Virreynato 1531-1810

- New crops such as rice, oats, barley, sorghum, sugarcane, wheat, coffee, plum, peach, flax, hemp.
- Important agricultural products cotton, cocoa, vanilla and indigo, sugar cane and wheat.
- 16th century: olive and vine, silkworm, mulberry flax and hemp. Closed because represented competition for Spain.
- Haciendas: Land lord and farmers, native comunals



Revolution 1910

- Between 1889 and 1890 the government of Diaz ordered that the native communal lands became plots.
- Before the Revolution of 1910, about 97% was owned by about 830 people. In contrast, about 3.5 million peasants had no land, while the total population was 14 million.
- Land repartition

"Land and Freedom"



Green revolution



Norman Borlaug



"If you desire peace, cultivate justice, but at the same time cultivate the fields to produce more bread; otherwise there will be no peace"

1942 Begins in Sonora Mexico

Wheat before 750 kg/ha . After 3200 kg/ha

1956 Mexico self sufficient

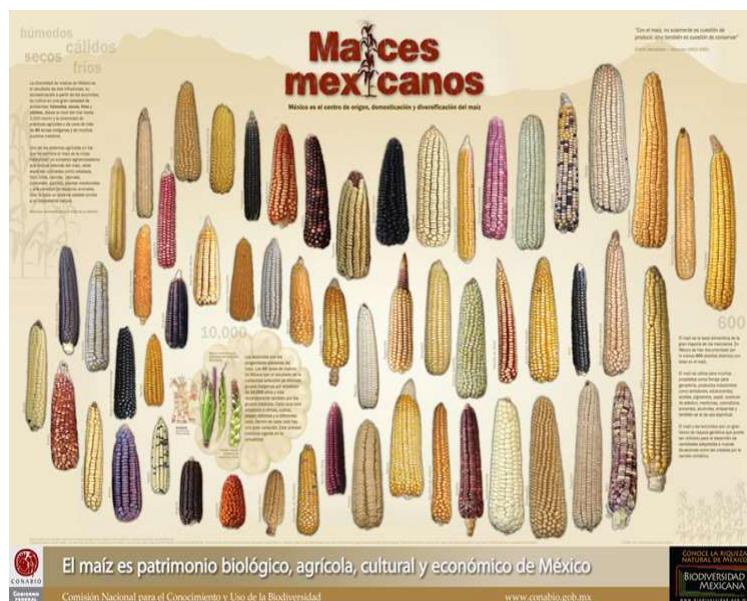
1990 GMO, NAFTA

2013 GMO, in mexican fields

2016-now Rearrange NAFTA

Consequences

- American dream
- Erosion
- Poverty gap
- Abandonment of arable land
- Environmental problems
- Biodiversity loses
- Social problems



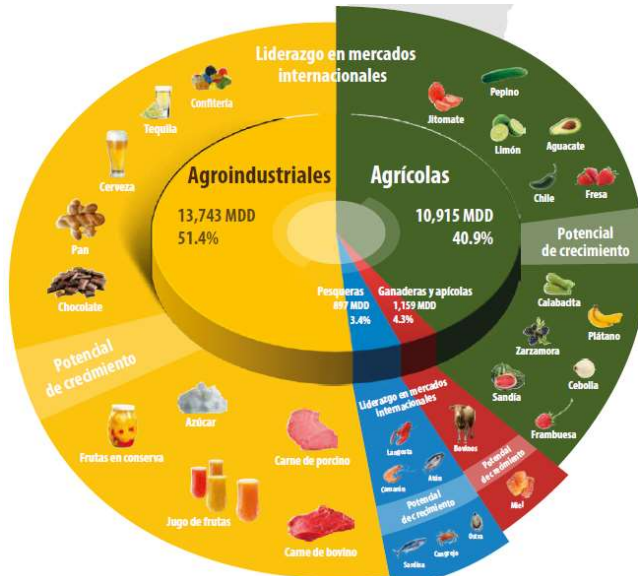
Nowadays Overview

- 12th In world food production
- 13th In world production of agricultural crops
- 11th In world production of primary livestock
- 16th In world fishery and aquaculture production

5.3 million people work in agricultural activities



International exports



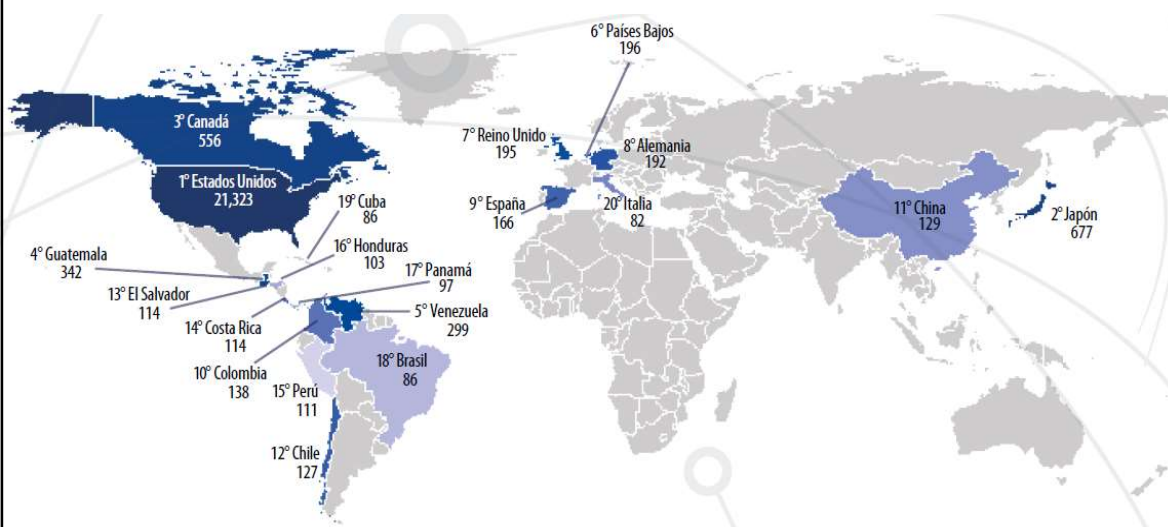
derivadas por la venta de petróleo o captadas por el turismo extranjero.

Divisas captadas según concepto 2015
(millones de dólares)



MDD: Millones de dólares

Mexico's main agrifood markets 2015 (millions of dollars)



Of the 12 climates in the world
Mexico have 9

Territory: 1,958,210Km²

GDP: \$1.5trillion (2016)
Agriculture provides 4% of
GDP

Agriculture cycles:
Year-round: 28 products
Temporary spring-summer
and autumn-winter : 36
products



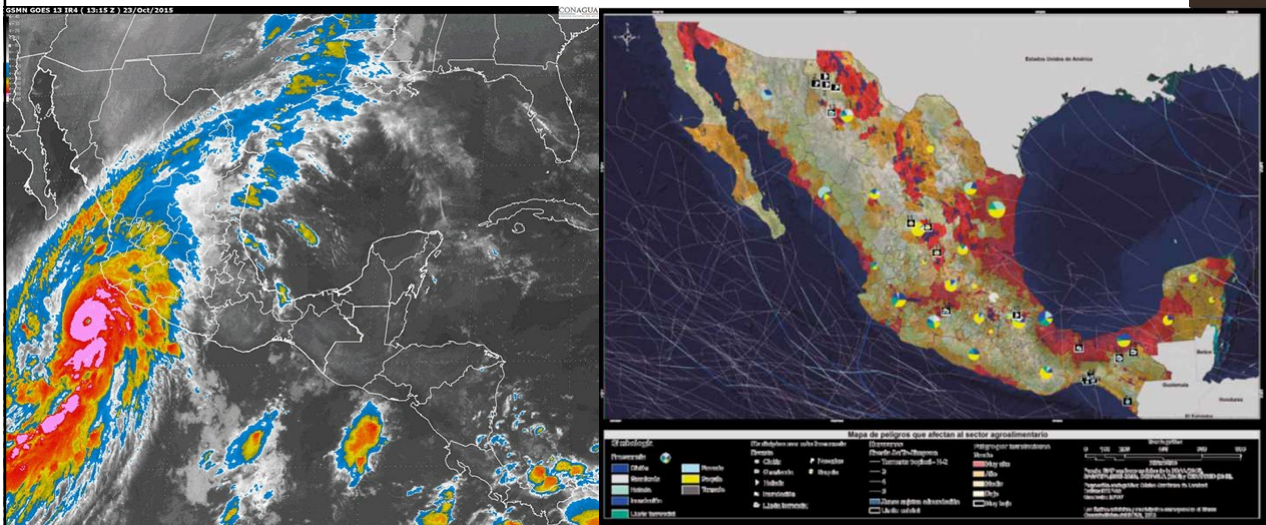
Territory agriculture : 18%
355.084 Km²
5.5 million hectares irrigated
area

The top 10 :

1th **Avocado 1,4 mt/yr**
3th sorghum **4,7 mt/yr.**
4th beans **1,2**
6th sugar cane **61,1**
7th corn **22,6**
10th tomatoes **2,6**
10th coffee **0,2**
11th cotton **0,6**
12th banana **2,1**
16th soja **0,2**
31th wheat **3,3**
66th rice **0,179**



ARG1



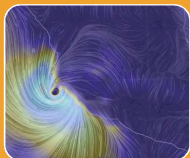
Technification
Lowscale Farming

2013-2015



Social

Genera
Education



Environmental

Climate Change
Castastrophic events



Economic

Technification
Lowscale Farming Dumping

