

ARGENTINA

Argentina

- **In 2007/08 the total cropped land area was 30.7 million ha**
- **There is no estimate of conservation agriculture**
- **In 2005/06 (last estimation) the total No-Till area was 19,600,000 (64%)**
- **use of GMO seeds (inclusive open pollinated derivatives)**
 - 19,100,000 ha in 2007 with Soybean 99%, Maize 90% and Cotton 74%

Province Cordoba

Climatic conditions

- average yearly rainfall 700 - 900 mm
 - rainfall in growing season 70% - 80%
 - duration of growing season 270 days
 - max. temperature average summer time high - 35 °C to 38 °C
-
- total area: 17 million ha
 - agricultural area 6 million ha, 35%
 - area under Conservation Agriculture 4.8 million ha, 80%
 - area under No-Till 4.8 million ha (all Conservation Agriculture area)
 - use of GMO seeds (inclusive open pollinated derivatives) Soybeans 99% and maize 90%

Cordoba: Precision Farming Technologies

Use of Precision Farming Technologies (Field Management)

- parallel driving (GPS): 30%
- in Field Yield Monitoring: 15%
- variable Fertilizer application: 3%
- variable Herbicides and Pesticides application < 1%

Typical Modern Farm

- Area Typical viable modern grain farm — 1,000 ha
- Crop rotation Wheat/soybean - Corn - Soybean (4 crops 3 years)
- No-Till main conservation agricultural practice
- Equipment used: planter, sprayer (fertilizer spreader and combine are custom contracted)
- Use of GMO seeds, Soybean 99% (Roundup ready), Maize 90% (Bt)

Crop Yields and Income

CROP YIELDS.

Crop	Yield (t/ha)
Wheat	3.5
Soybean as 2nd crop	2.8
Corn (maize)	10
Soybean	4

FARM INCOME: 500 - 750 USD/ha