



BRAZIL

● **79M hectares** currently being cultivated.

● **Another 106M hectare** of undeveloped fertile land – a territory larger than the combined area of France and Spain.



Brazil is a **powerhouse** in agriculture production.



Freshwater in Brazil is approximately 12% of the world's total.



72% of water use in Brazil is used for irrigation.

Agriculture is critical to the Brazilian economy with over 40% of its total exports from this sector.

Export values: **Soybeans** 20B, **Sugarcane**, 10B, **Coffee** 5B, **Corn** 4B+.

Brazil accounts for over 30% of total world coffee production.

Agriculture imports totaling only 10B compared to **85+ Billion in exports**.

3.5M ha under irrigation currently in Brazil and growing.

Another 29 million ha are estimated to be suitable for irrigation by the National Water Agency (ANA).

Climate changes has caused unpredictable rain falls in Brazil where the majority of farmers rely exclusively on it.

CROP TYPE	Production (tonnes)	Area Produced (hectares)
SUGAR CANE	768,678,382	10,226,205
SOYBEANS	96,296,714	33,153,679
CITRUS	19,591,623	759,951
TOMATOES	4,167,629	63,980
COFFEE	3,019,051	1,994,761

INCREASES IN YIELDS per year	Normal Yield (Kg per hectar)	Potential Yield Increases	Yield with SupPlant (Kg per hectar)	Potential Water Savings (%)
APPLES	30,878	10.2%	34,027	42%
AVOCADOS	18,009	4.7%	18,856	24%
CITRUS	90,947	22%	110,955	25%
PEACHES	11,101		11,101	48%
TOMATOES	65,140	5.50%	68,722	23%

ROI - CASE STUDY

Average cost to irrigate field per season is **\$416 per ha**.

Farmers can see **benefits of \$104.16** per ha.

A farmer with 250 ha will **save over \$25,000 a season!**