



AGRICULTURE AND LIVESTOCK PRODUCTION WITH ENVIRONMENTAL PROTECTION

BRASIL

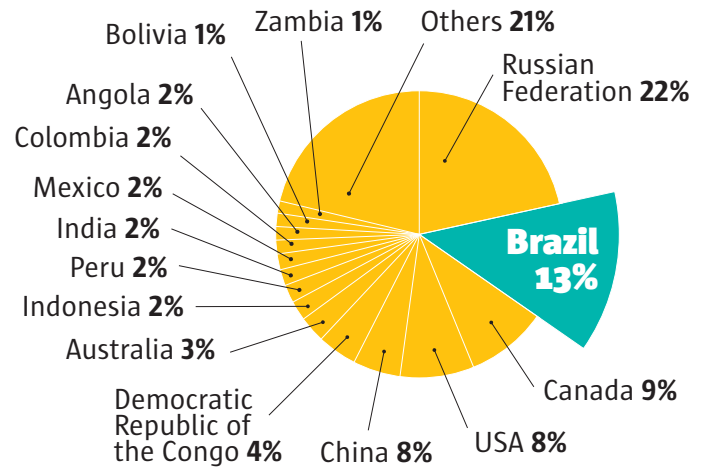
2/3 OF BRAZIL AREA IS COVERED BY NATIVE VEGETATION

Brazil has one of the largest forest areas in the world, with a high level of productivity in its crop lands. Policies are in place to combat deforestation in all natural biomes, including the Amazon and the Cerrado.

Under Forest Code requirements, private properties must preserve areas, thus encouraging the development of sustainable agriculture and livestock production in the country.

A recent study by the United States Geological Survey (USGS), in partnership with NASA, reveals that plant crop areas cover 64 million hectares, around 7.6% of Brazil's territory.

FOREST AREA



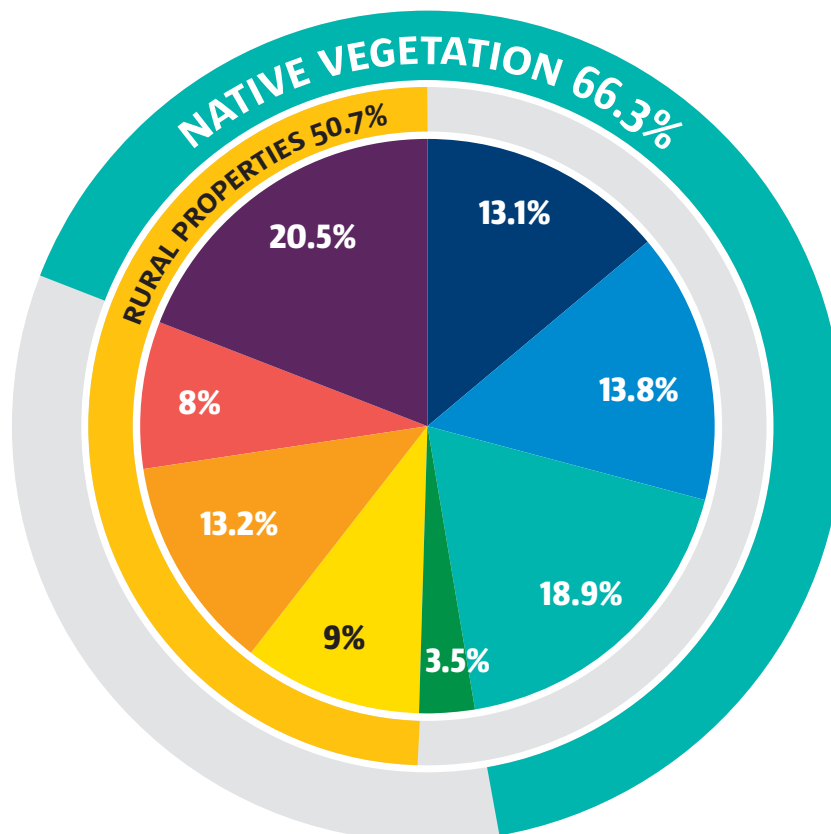
Source: FAOSTAT, 2018

FOREST PROTECTION

a priority for the country

BRAZIL PROTECTS AND PRESERVES NATIVE VEGETATION

- Native vegetation in conservation units
- Native vegetation in indigenous lands
- Native vegetation in lands in abeyance, unregistered or unclaimed lands
- Cities, infrastructure or others
- Crops and planted forests
- Planted pastures
- Native pastures
- Preserved vegetation in rural land



Source: Brazilian Forest Service (SFB), National Rural Environmental Registration System (SICAR), Brazilian Agricultural Research Corporation (Embrapa), Brazilian Institute of Geography and Statistics (IBGE), Ministry of the Environment (MMA), National Indigenous Foundation (FUNAI), National Department of Transport Infrastructure (DNIT), National Water Agency (ANA), Ministry of Planning, Budget, and Management (MPOG).

*Data calculated by Embrapa's territorial strategic intelligence group (GITE) in May 2017. Proportion of different land uses and occupations in Brazil, 2017.



PRODUCTIVITY GAINS IN AGRICULTURE:

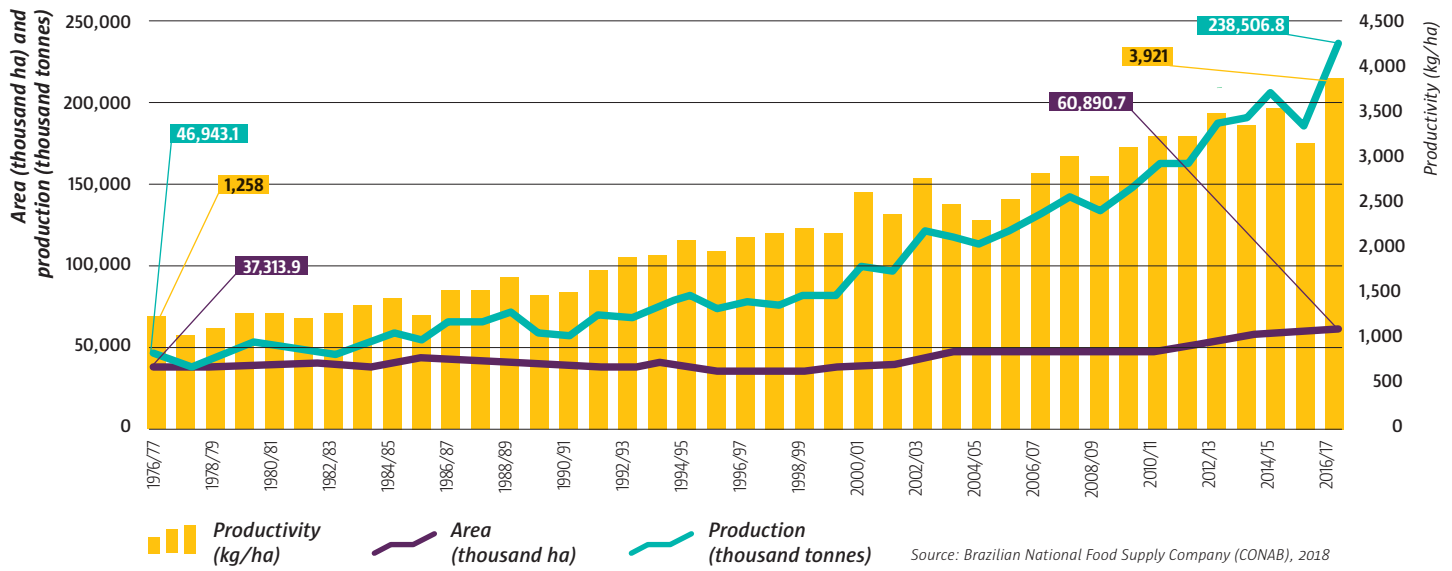
An achievement due to the better use of land and to the integration of pork and poultry production chains

CROP ROTATION

- Same area with different crops
- Production balanced with the ecosystem
- Improved soil conservation

THE USE OF LEGUMINOUS CROPS INCREASES FERTILITY THANKS TO THE BIOLOGICAL NITROGEN FIXATION PROCESS

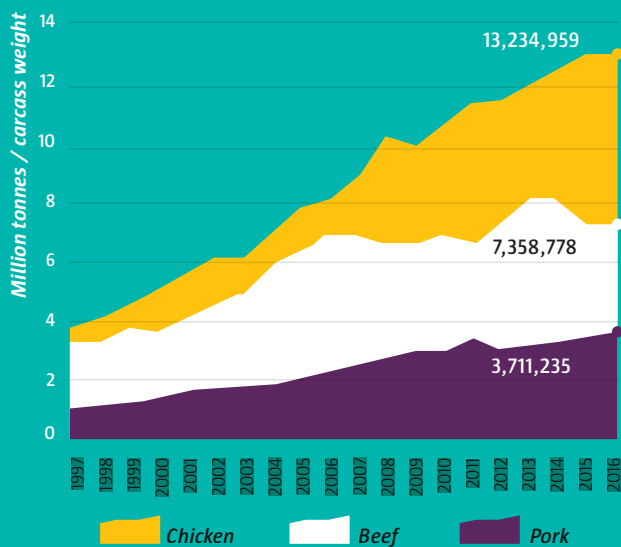
GRAINS: AREA, PRODUCTION AND PRODUCTIVITY



Productivity in STOCKBREEDING

MEAT PRODUCTION

24.3 million tonnes of meat: beef, pork and chicken



EVOLUTION OF PASTURE AREA AND PRODUCTIVITY

Evolution of crop and pasture areas in Brazil and yearly rates of growth in those areas and of production of a few selected products.

