

Soybean plant-based Burger versus Animal Burger



By Caroides Gomes, PhD, 2021

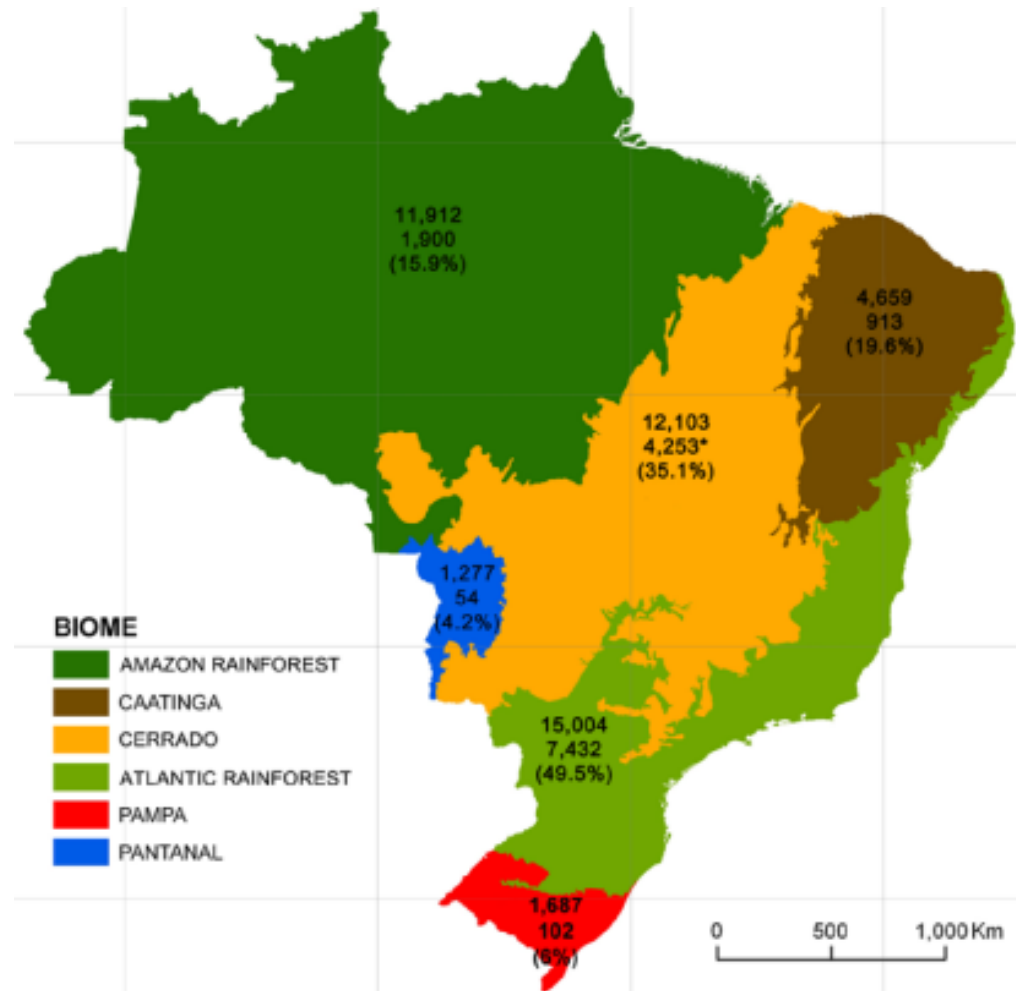
Brazil

- Area: 8.6 millions km²
- 26 States and Federal District



Source: Wikipedia

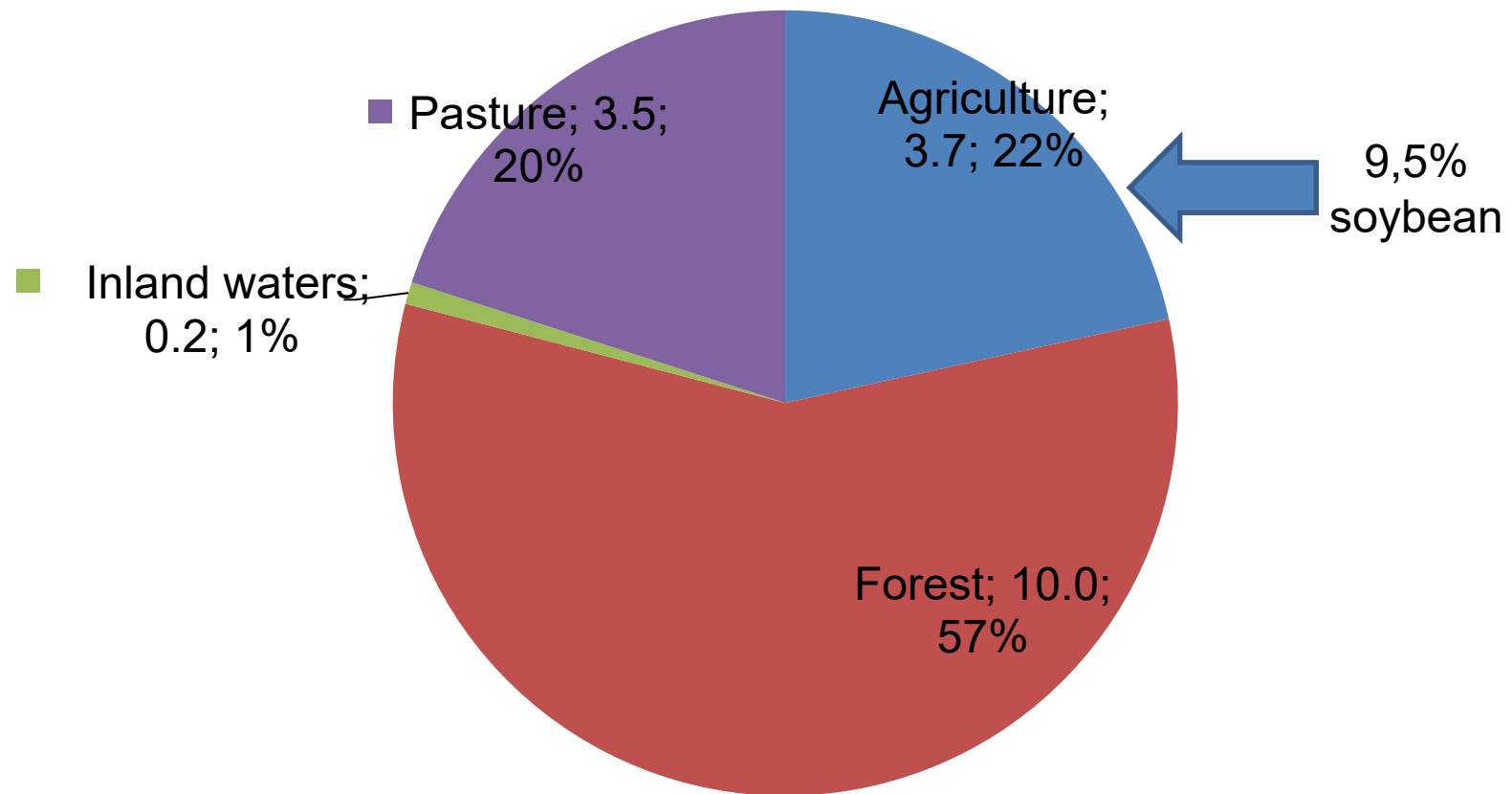
Brazil biomes



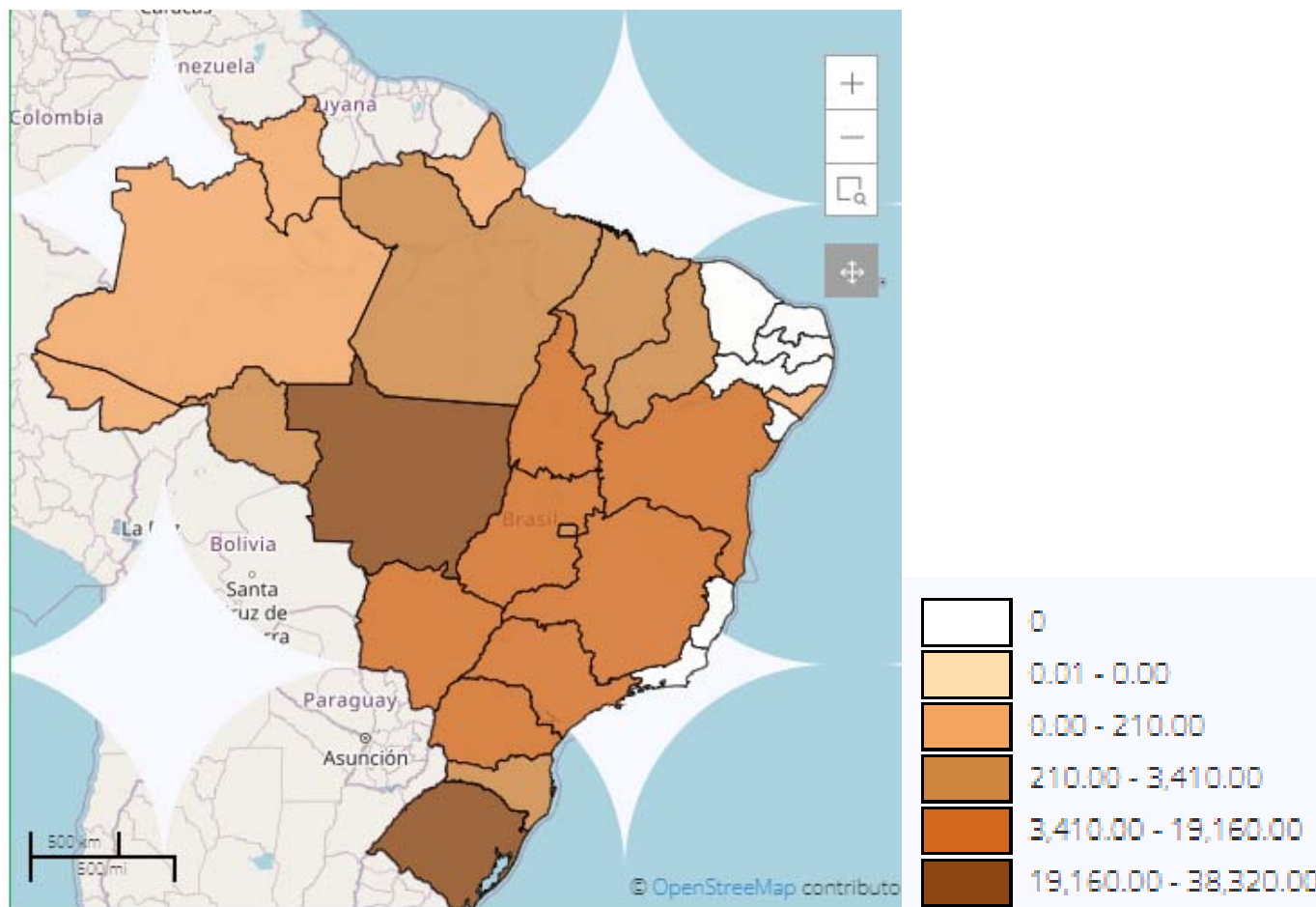
Map of Brazilian biomes showing the total number of seed plant species (top number), the number of endemic species (middle number), and the percentage endemism for each biome.

Source: Assis & Loeuilli (2015).

Use of land in Brazil



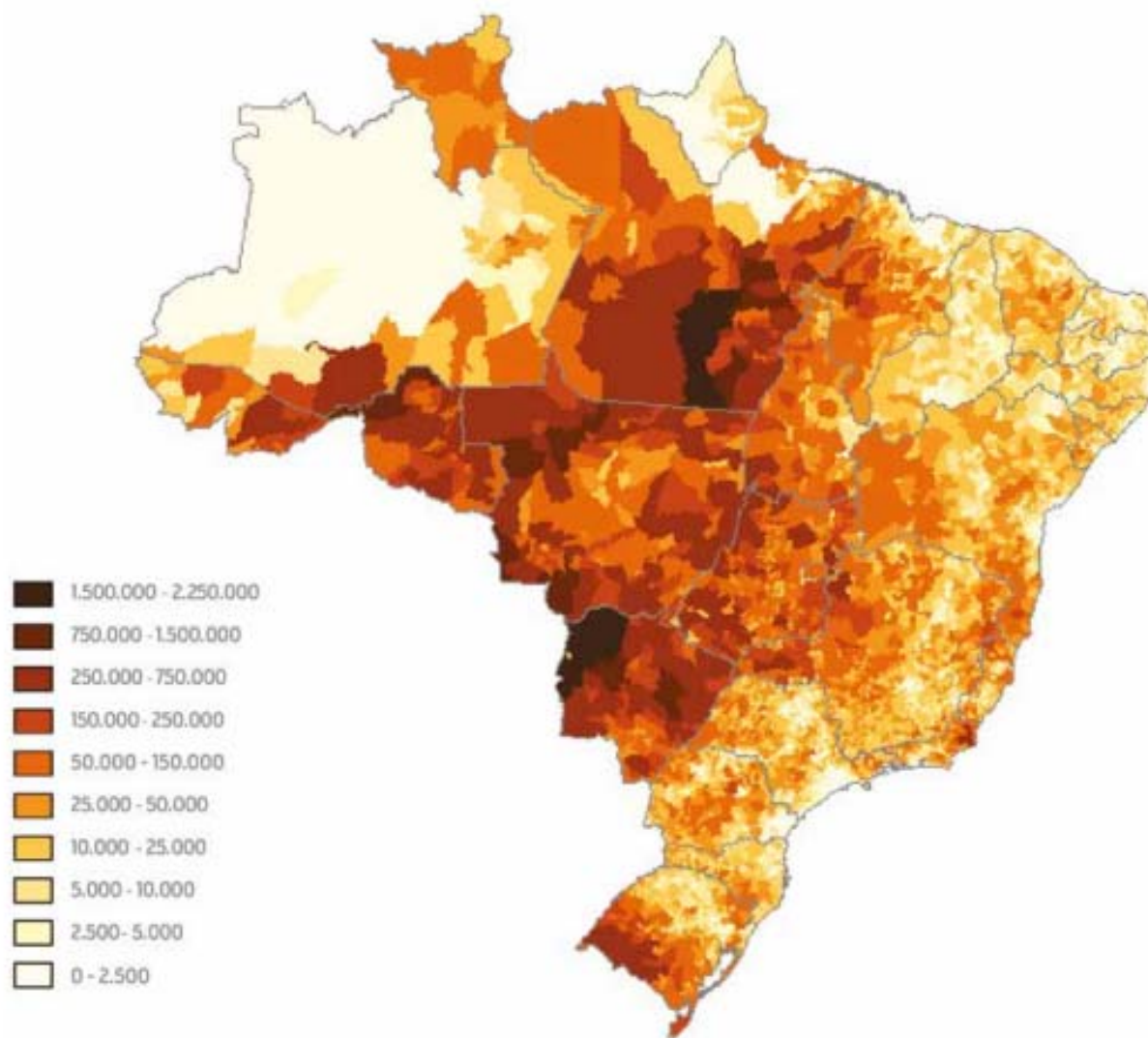
Production of soybean in Brazil (2020/21)



Production in 1000 kg.

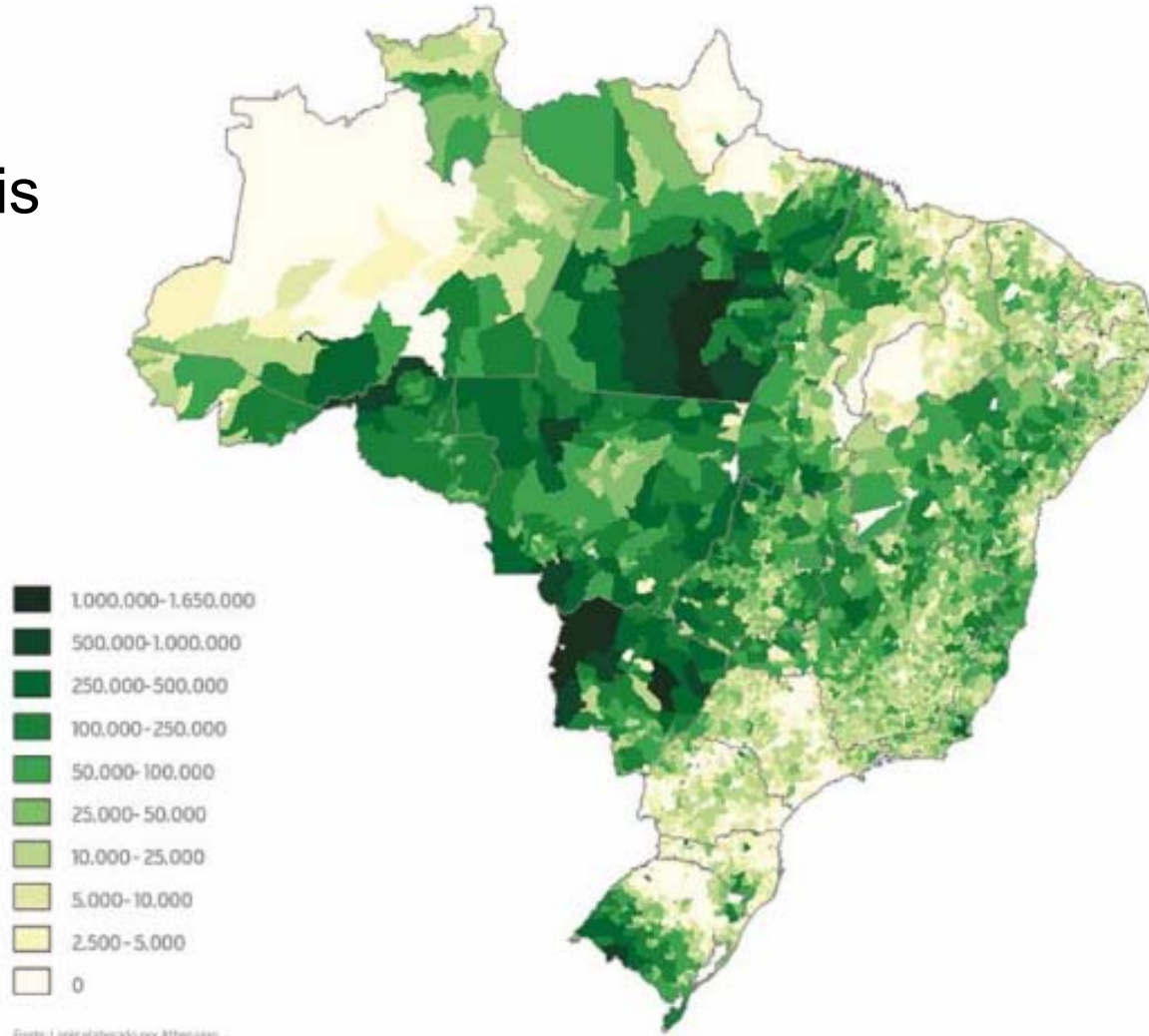
Source: CONAB (<https://portaldeinformacoes.conab.gov.br/produtos-360.html>)

Head of cattle (in 2019)



Area of pastures (in 2019)

95% of beef meat is produced in pastures



Soybean and livestock

Soybean crop 2020/2021	World	Brazil
Area	1.3 millions km ²	390 mil km ²
Production	363 millions tons	135 millions tons

- In 2020, Brazil had the largest bovine herd in the world (14%)
- Brazil is the world's biggest bovine breeder

<https://www.embrapa.br/en/soja/cultivos/soja1/dados-economicos>

<https://www.embrapa.br/en/busca-de-noticias/-/noticia/62619259/brasil-e-o-quarto-maior-produtor-de-graos-e-o-maior-exportador-de-carne-bovina-do-mundo-diz-estudo>

<https://www.embrapa.br/en/qualidade-da-carne/carne-bovina>

Brazilian economy

Exportation ranking	Product	% national exportation	Value (US\$)
1°	Soybean	14,6	28,0 mi
5 °	Meat	7,5	14,4 mi