BRAZILIAN AGRICULTURE PROVIDES ENVIRONMENTAL PRESERVATION STRATEGIES WITH PRODUCTIVITY

***Low carbon agriculture, zero tillage, biological nitrogen fixation and the integration of crops, livestock and forests are some of the techniques used to reduce environmental impacts.***

According to a United Nations report, a growth of more than two billion people is expected over the next 30 years, from the current 7.7 billion to 9.7 billion by 2050, which reinforces the position of Brazilian agribusiness, increasingly seeking productivity combined with the adoption of strategies aimed at reducing the environmental impact of this activity. With this, the country can take on the leading role in food production, helping to ensure global food security.

In this regard, the sector has been adopting modern planting, irrigation and harvesting techniques, production and management systems, which really help in the preservation of natural resources, the reduction of greenhouse gas (GHG) emissions and the reduction of deforestation, such as low carbon agriculture, integration of crops, livestock and forest, which already reaches the mark of 14 million hectares; the biological fixation of nitrogen to the soil, the expansion of the reforested area, the treatment and reuse of animal waste; beyond the recovery of degraded pastures.

This last measure allowed to reduce the grazing area, which was from 218 million hectares in 1990, to 165 million hectares in 2014, with an increase in the number of head of cattle, which increased from 145 million in 1990, to 187 million in 2014. That is, today more cattle are raised in a smaller area. This has only been possible, as in the case of agriculture, through the adoption of new and more rational forms of livestock management, the use of machinery and implements that facilitate work, and the intensive use of modern administrative tools on farms.

In addition to the sector's effort to mitigate deforestation actions, there are also public policies implemented by the Federal Government, which combine environmental sustainability with productivity, such as the ABC Plan (Climate Change Mitigation and Adaptation Sector Plan for the Consolidation of a Low Carbon Economy in Agriculture), created by the Ministry of Agriculture, Livestock and Supply, in 2010, and whose first phase ends in 2020. Until the beginning of July 2019, more than R $ 17 billion in investments went to the producers. Rural areas implement grazing and forest restoration projects, adopting production technologies that aim to reduce GHG emissions, among other actions.

For the new phase, the Ministry said that Brazil will have as challenges to meet the objectives established in the Paris Agreement: Reduce GHG emissions by 37%, by 2025 and 43% by 2030, compared to 2005 levels.

The leading agricultural technology trade show in Latin America will take place between April 27 and May 1, in the city of Ribeirão Preto (São Paulo). The fair is an initiative of the main agribusiness entities in the country: Abag - Brazilian Association of Agribusiness, Abimaq - Brazilian Association of Machinery and Equipment Industry, Anda - National Fertilizer Diffusion Association, FAESP - State Federation of Agriculture and Livestock in São Paulo and SRB - Brazilian Rural Society. The event is organized by Informa Markets, the main promoter of trade fairs in Brazil and around the world.

**More Information:**

**AGRISHOW 2020 – 27th International Fair of Agricultural Technology in Action**

**Date:** April 27 to May 1, 2020

**Place:** Antônio Duarte Nogueira St., Km 321 - Ribeirão Preto (SP)

**Schedule:** from 8 a.m. to 6 p.m.  
[www.agrishow.com.br](http://www.agrishow.com.br)

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