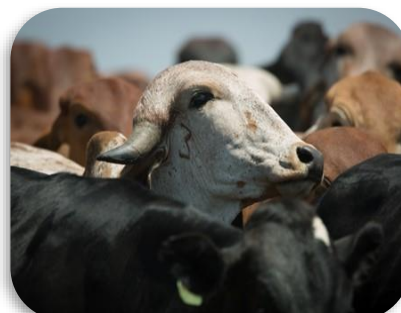


SUCCESS CASES OF THE STATE OF MINAS GERAIS/BRAZIL

AGRICULTURE, LIVESTOCK AND PLANTED FOREST

Field Genetics Program

Focused on cattle raising, the Program aims to increase productivity of herds through the introduction of genetically improved animals, raising the profitability of farmers. It covers the state of Minas Gerais and has the support of farmers unions and technical consultants, who carry out the diagnosis of the producers' needs. They receive specialized technical assistance for the acquisition of better quality animals, especially bulls and breeding females, selected according to the productive profile and financial capacity of each farmer. The differential lies in the socio-environmental aspect: they are mostly small cattle ranchers, who with the program overcome difficulties both in choosing the most suitable animal for their needs and in resources for their purchase. Its success generates important gains for the climate, food security, and the environment.



Expected Results



- More efficient and productive cattle, with reduced intensity of CH₄ and CO₂ emissions, in view of good management practices.



- Increased productivity and improved profitability for farmers, avoiding need for new areas and preventing new CO₂ emissions.



- Expansion of access to genetic improvement technologies, with a positive social and environmental impact on a large scale.



- Strengthening of the cattle production chain with specialized assistance, including the use of animals and crops adapted to the climate.

- Regional economic and socio-environmental impact, generating jobs and stimulating local market. Best practices and productive efficiency contribute to sustainability.



**FAEMG
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