

# Relative grass growth rate

ARGENTINA / UNITED STATES / URUGUAY

 Webstory



## The technological solution

Development of prospecting systems based on the behavior of the Normalized Green Index (NDVI), the Primary Net Air Productivity (PPNA) and climatic variables for farms in the Río de la Plata region, implementing management strategies that optimize in terms economic, social and environmental the use of information.



## Description

The Relative Growth Rates (TCR) of the dominant grass species under grazing and closure conditions were determined. The TCR is a quantitative attribute that differs between species and represents the increase in the biomass of the plant per unit of existing mass in a period of time under optimal growth conditions.



## Results

- A model of the NDVI-PPNA relationship for grasslands developed.
- Weather forecast information and pasture growth with a monthly frequency.
- Training for technicians and producers.
- Satellite and climatic information of the intervention area.

210

Trained technicians and farmers

10

Publications

5

Thesis



## ABOUT FONTAGRO

FONTAGRO is a unique cooperation mechanism for agricultural innovation in Latin America and the Caribbean (ALC) and Spain, that works through regional platforms. It is composed of 15 countries that have contributed capital exceeding 100 million dollars and the Inter-American Development Bank (IDB), which is its legal representative.

### ORIGIN OF RESOURCES



● **Counterpart contribution**  
93.177.555

● **FONTAGRO**  
28.989.468

● **IDB**  
9.922.700

● **Other agencies**  
9.809.078

### PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



### FONTAGRO IN NUMBERS

**193** Number of projects approved

**141.9** Approved total amount US\$  
MILLONES

**9.8** Contribution from other agencies  
MILLONES

**32** Benefited countries

**63** Generated technologies

**15** New technologies for ALC

**8** Technology of global relevance

### MEMBER COUNTRIES

