FONTAGROTECH

Virtual tool to improve decision-making on grazing intensity

URUGUAY, ARGENTINA

Webstory

Technological solution

Guide grazing management based on the spatio-temporal control of grazing intensity, to estimate and model the relationships with secondary production, economic results, biodiversity and environmental performance of family livestock systems in Uruguay and Argentina.

Technological description

Virtual tool with the potential to improve decision-making on grazing intensity, it is available on a website, and can be used to estimate the net primary production of pastures on the farms involved in the project (https: // agroshiny .shinyapps.io / FONTAGRO /)

Impacts and results

- Identification of management models for grazing intensity.
- Conceptualization of management models for grazing intensity and its physical-economic and environmental impact on a farm scale.
- Identification of management models of grazing intensity: Non-manager, Manager and Temporal Space Manager.
- Validation of the grazing intensity management models at the plot scale on the farms.

305 Cattle farmers benefited

20 Training events

11 Thesis

1 Scientific article

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