

*Horse continuous and rotational
grazing system effect on gorse (Ulex
europaeus and Ulex gallii) production
understory developed under Pinus
radiata stand*

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Dpto Producción Vegetal

Introduction

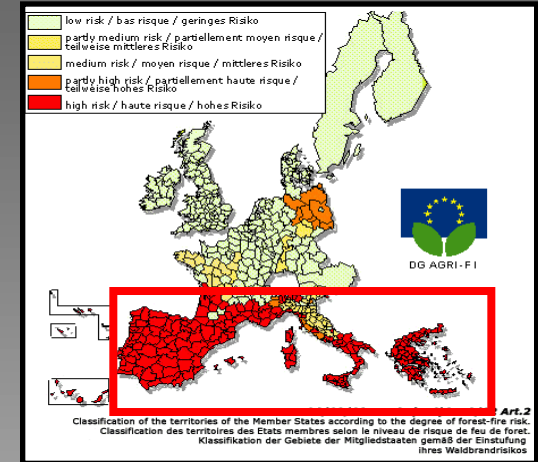
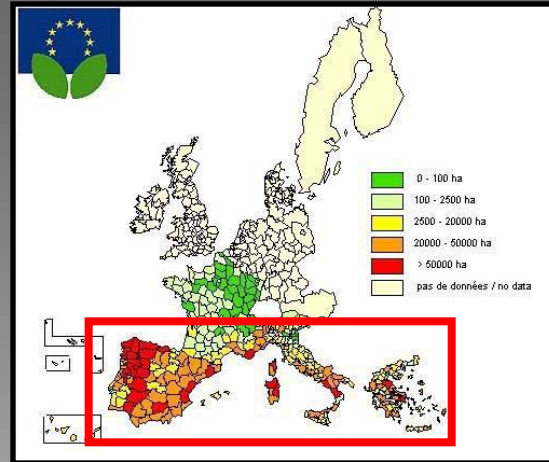
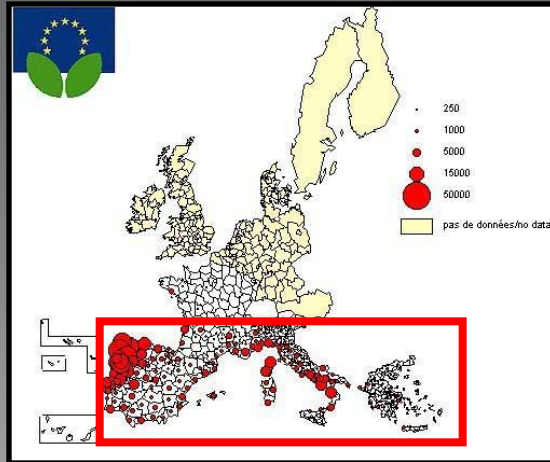
Objective

Methodology

Results

Conclusions

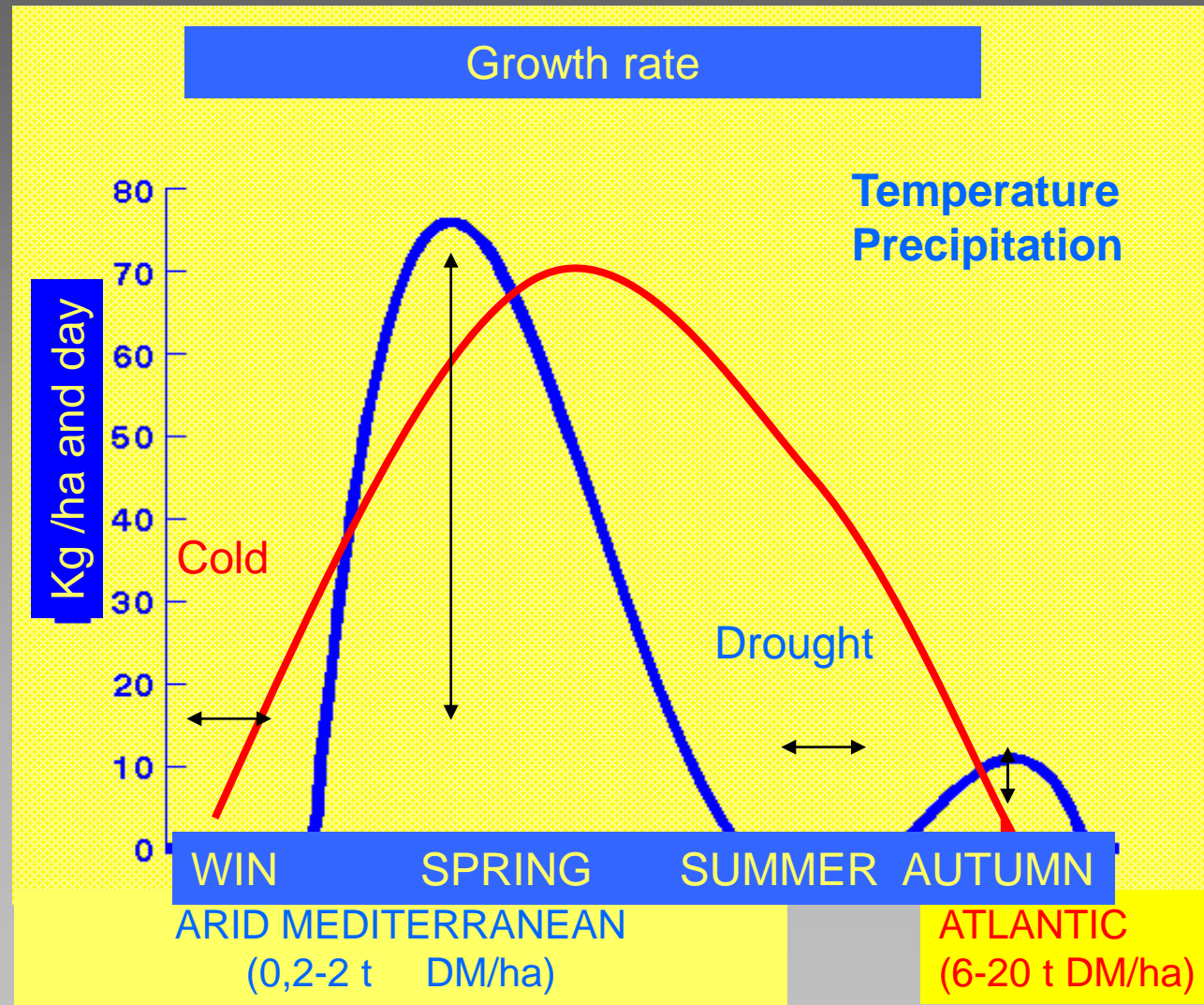
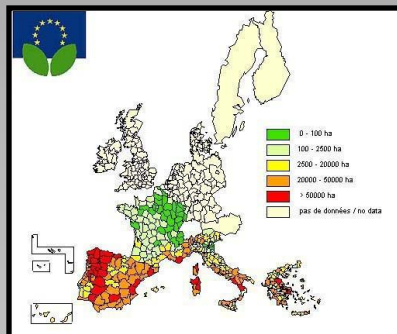
Horse continuous and rotational grazing system effect on gorse (*Ulex europaeus* and *Ulex gallii*) production understory developed under *Pinus radiata* stand



- Climate
- Fuel
- Management

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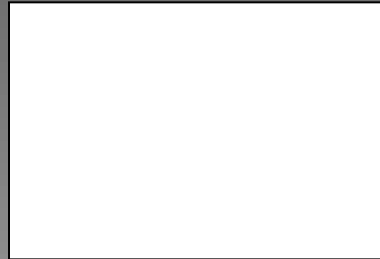
- Climate
- Fuel
- Manegement



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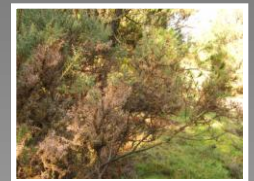
Manegement

- Continuous

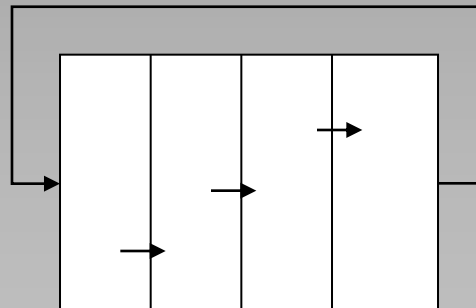


Cheaper

Simple



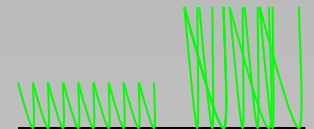
- Rotational



Expensive

Difficult

More productive



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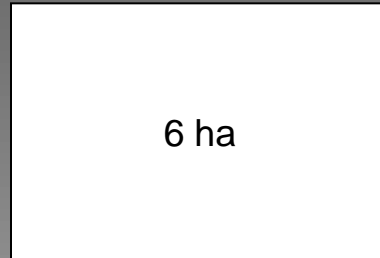
- Rotational vs continuous
 - Biomass productivity
 - DM
 - Biodiversity



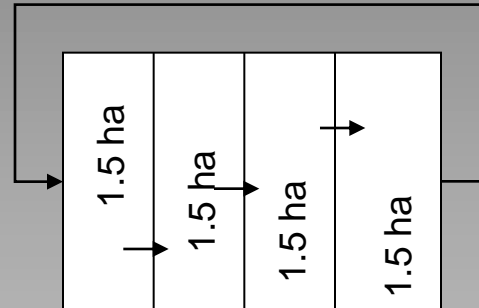
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Treatments

- Continuous



- Rotational



MVMC San Breixo: 0.33 horses per ha
Randomized blocks with 2 replicates
2 years grazing // 2 years post-grazing

Sampling

3 x 1 m² (monthly)

Laboratory

* Dry matter (DM)

* Botanical analyses

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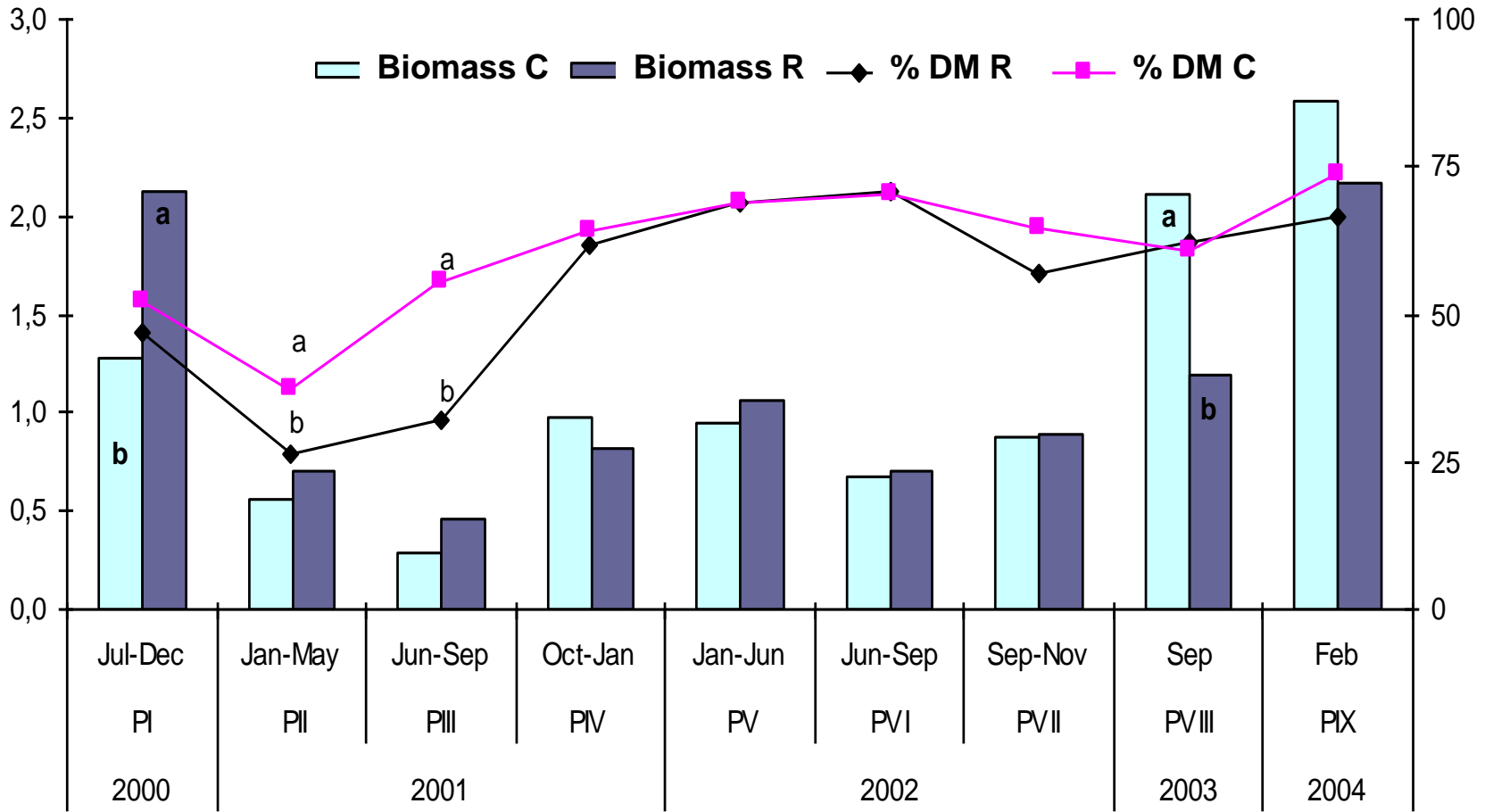
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Horse continuous and rotational grazing system effect on gorse (Ulex europaeus and Ulex gallii) production understory developed under Pinus radiata stand

- Management effect
 - **Biomass production**
 - **Biodiversity**

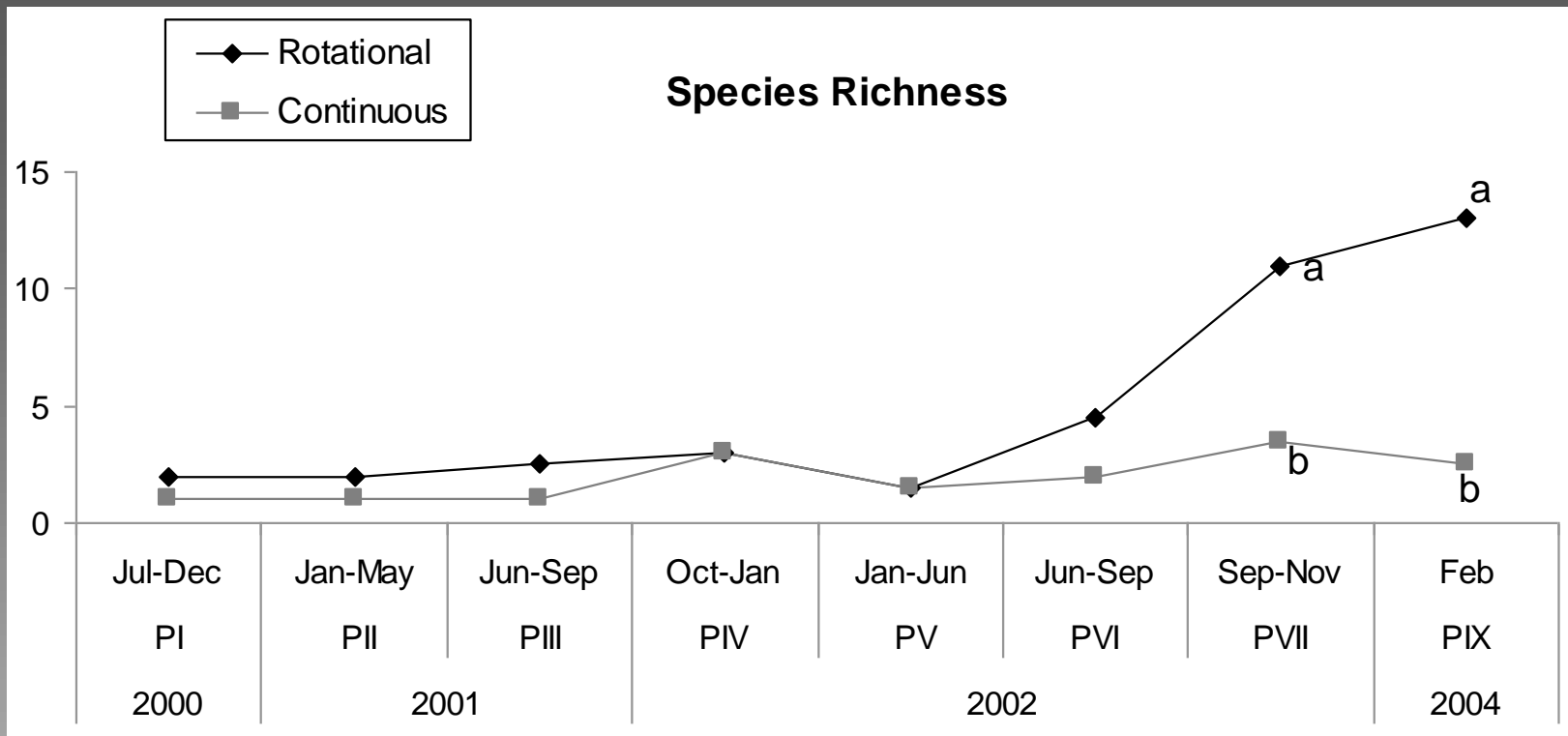




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- Rotational vs. continuous
 - Better initial control with Continuous grazing
 - Rotational and Continuous: adequate control
 - Better final control: Rotational grazing
 - Rotational grazing: increases biodiversity

Economic: Continuous

Ecologic and fire control: Rotational



**THANKS A LOT!
DANKE!**

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