

Seasonal changes on milk quality from sheep farms using hay or silage

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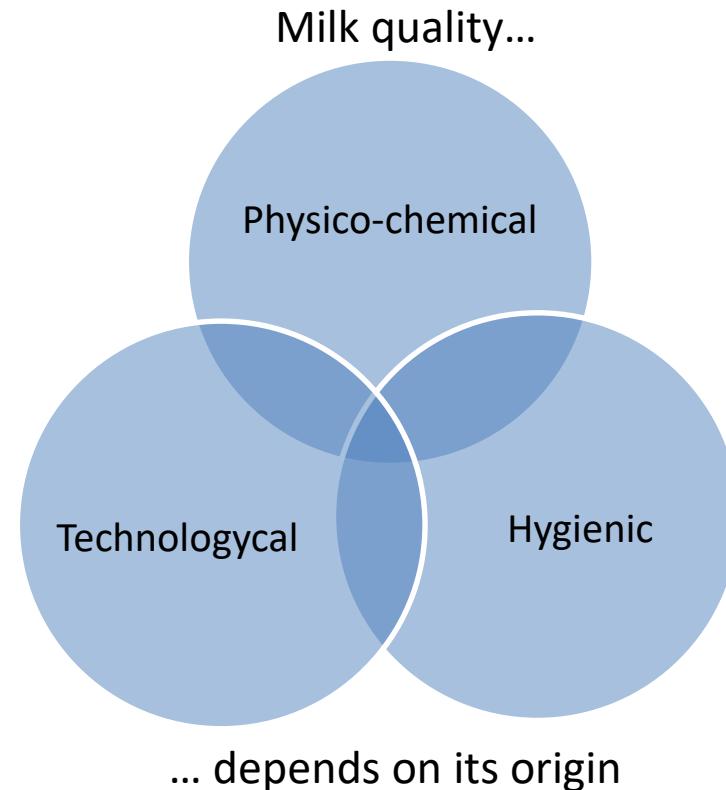
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L. A. Rodríguez

In memoriam



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Milk quality depends on its origin



Milking parlour



Housings



Feeding



Water

Vetch silage for feeding sheep

Widespread

Energy and fibre (and protein?) source

Economic

Potential **positive** effects on milk quality

Potential **negative** effects on milk quality (defects on cheeses)



Objectives

To study the effects of:

- Feeding management (hay or silage as forage)
- Season (winter, spring, summer, autumn)

On sheep milk quality



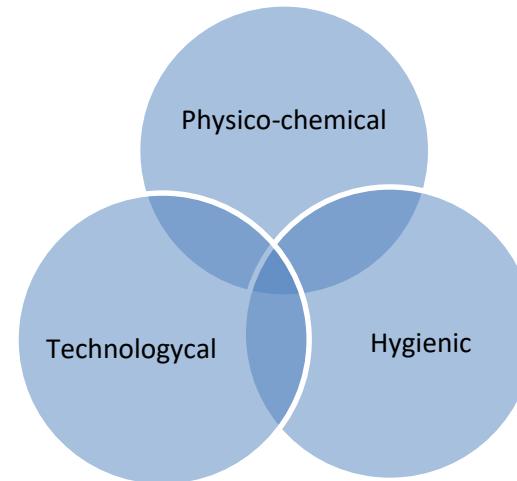
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20 dairy sheep farms

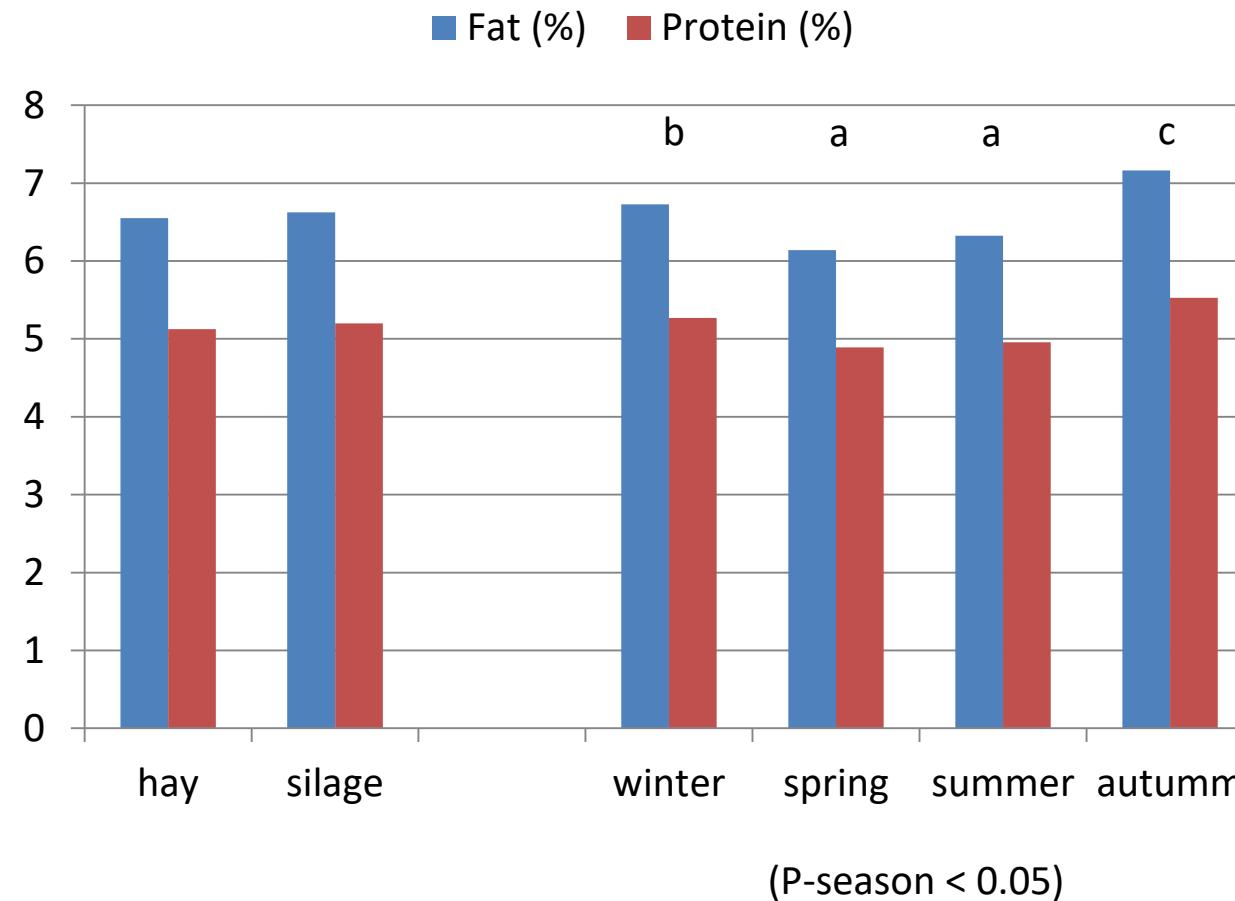


Milk quality...

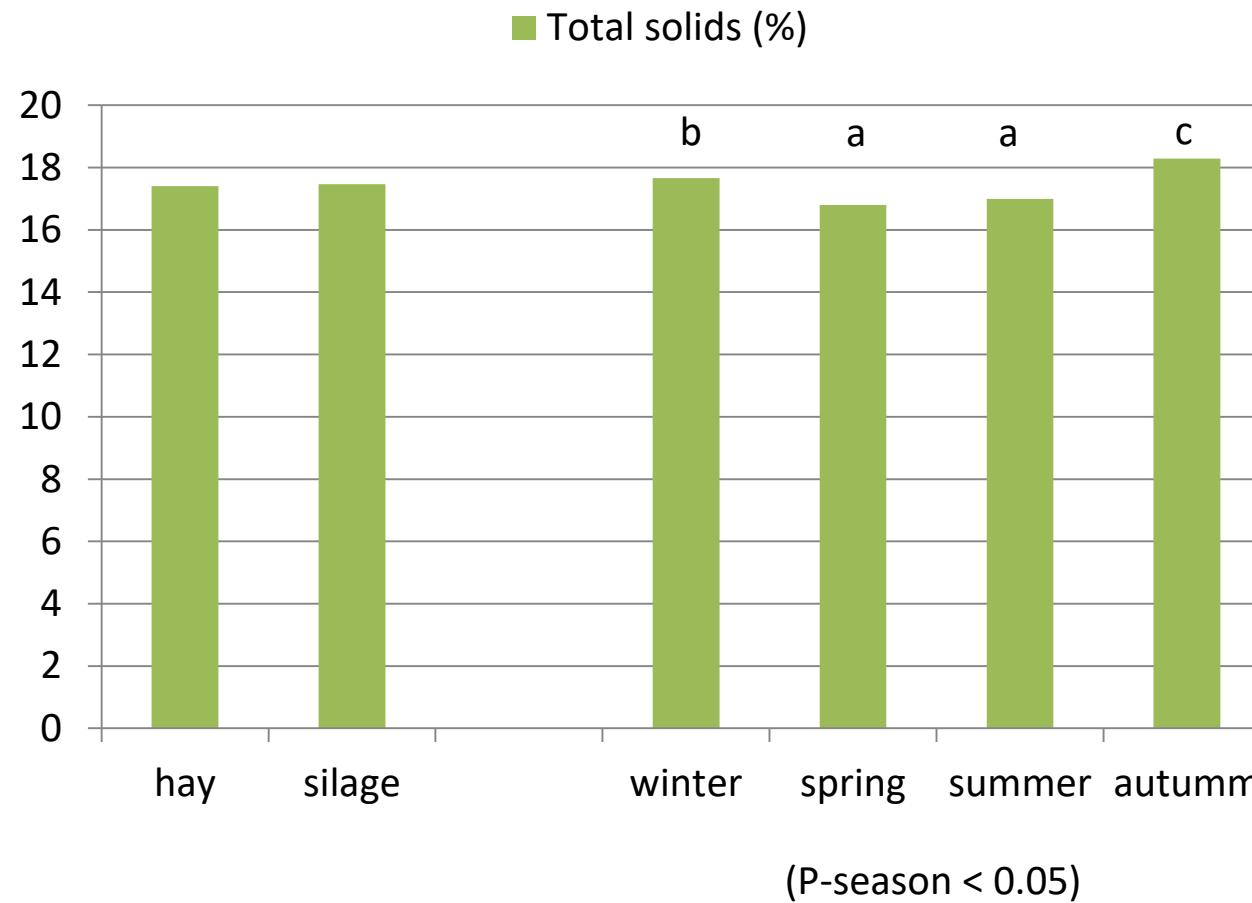


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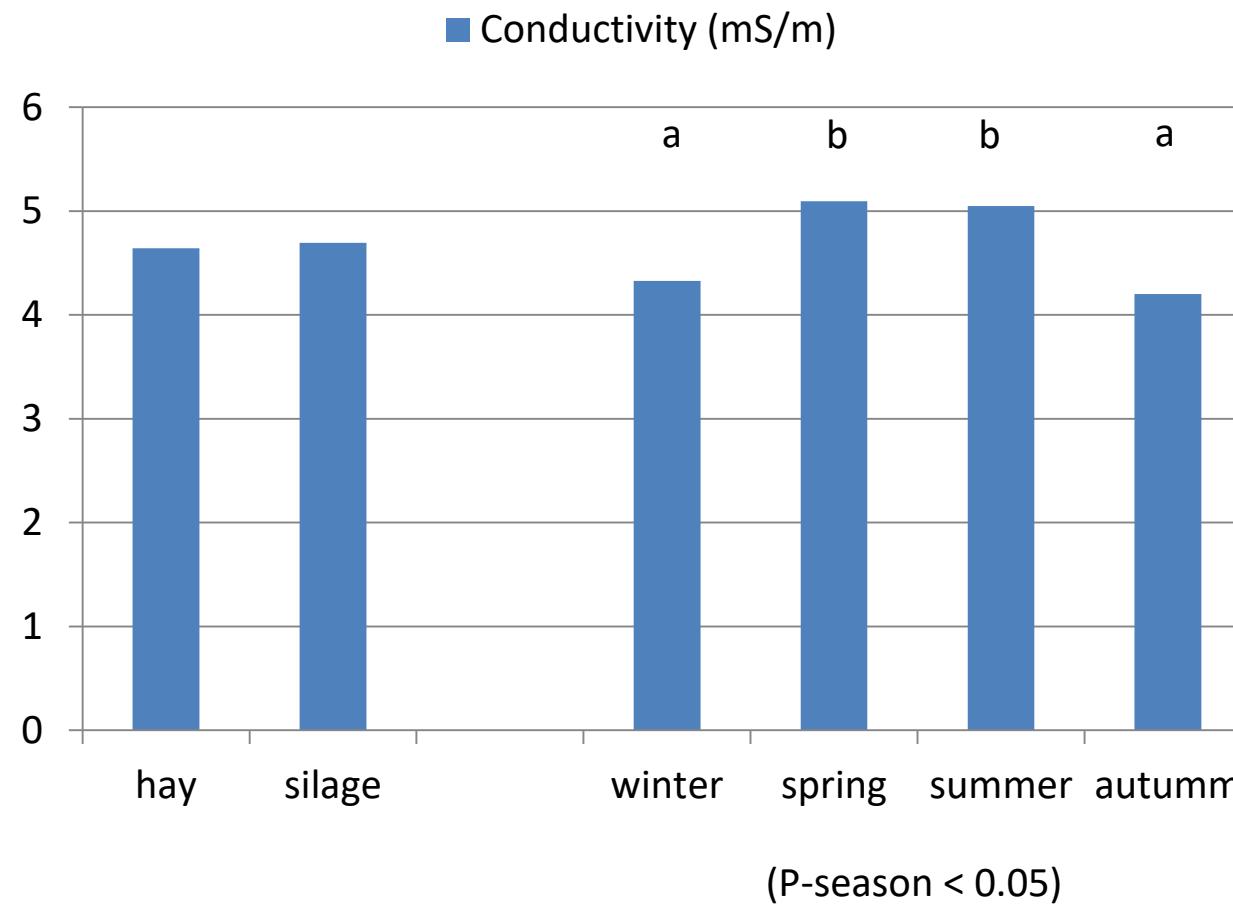
Physico-chemical parameters



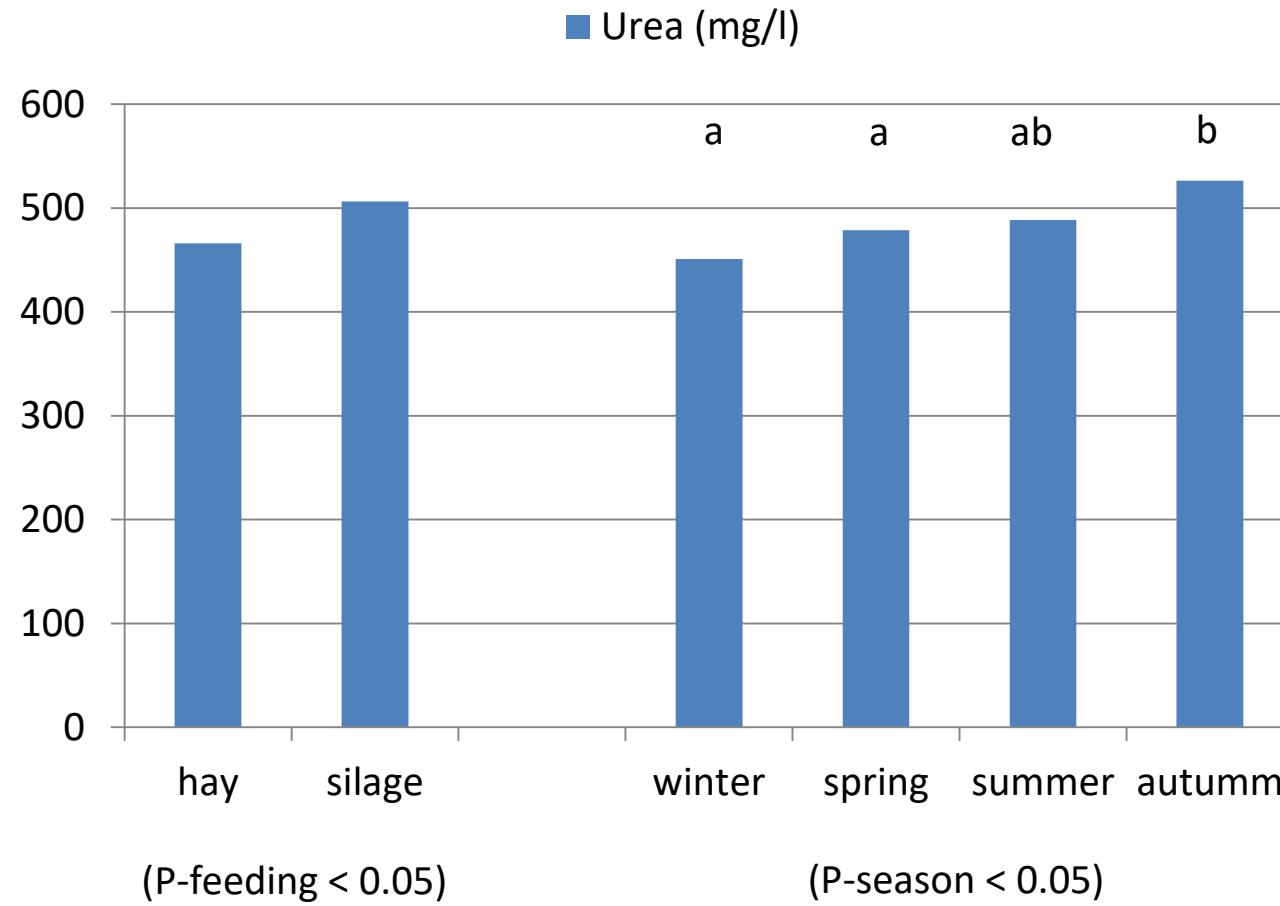
Physico-chemical parameters



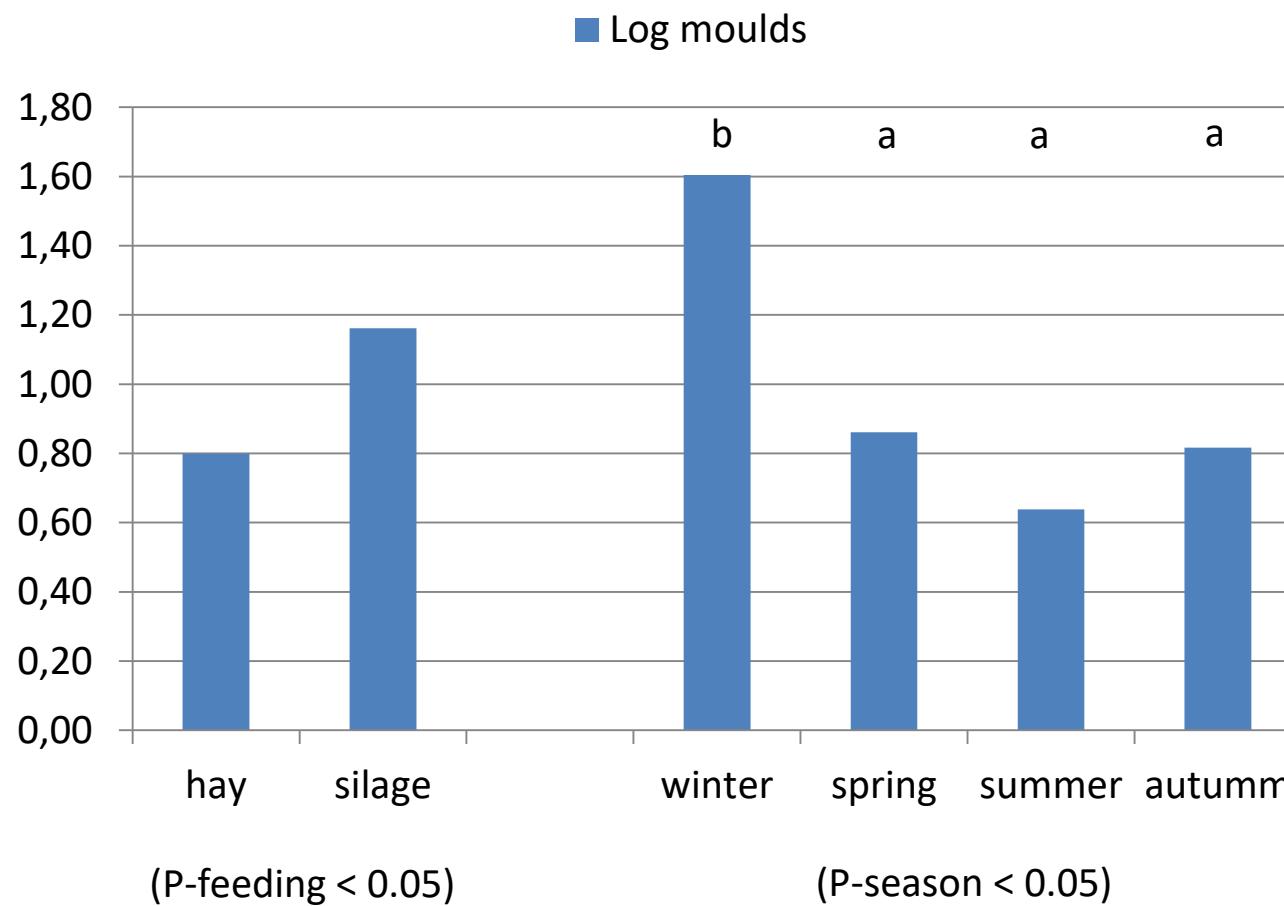
Physico-chemical parameters



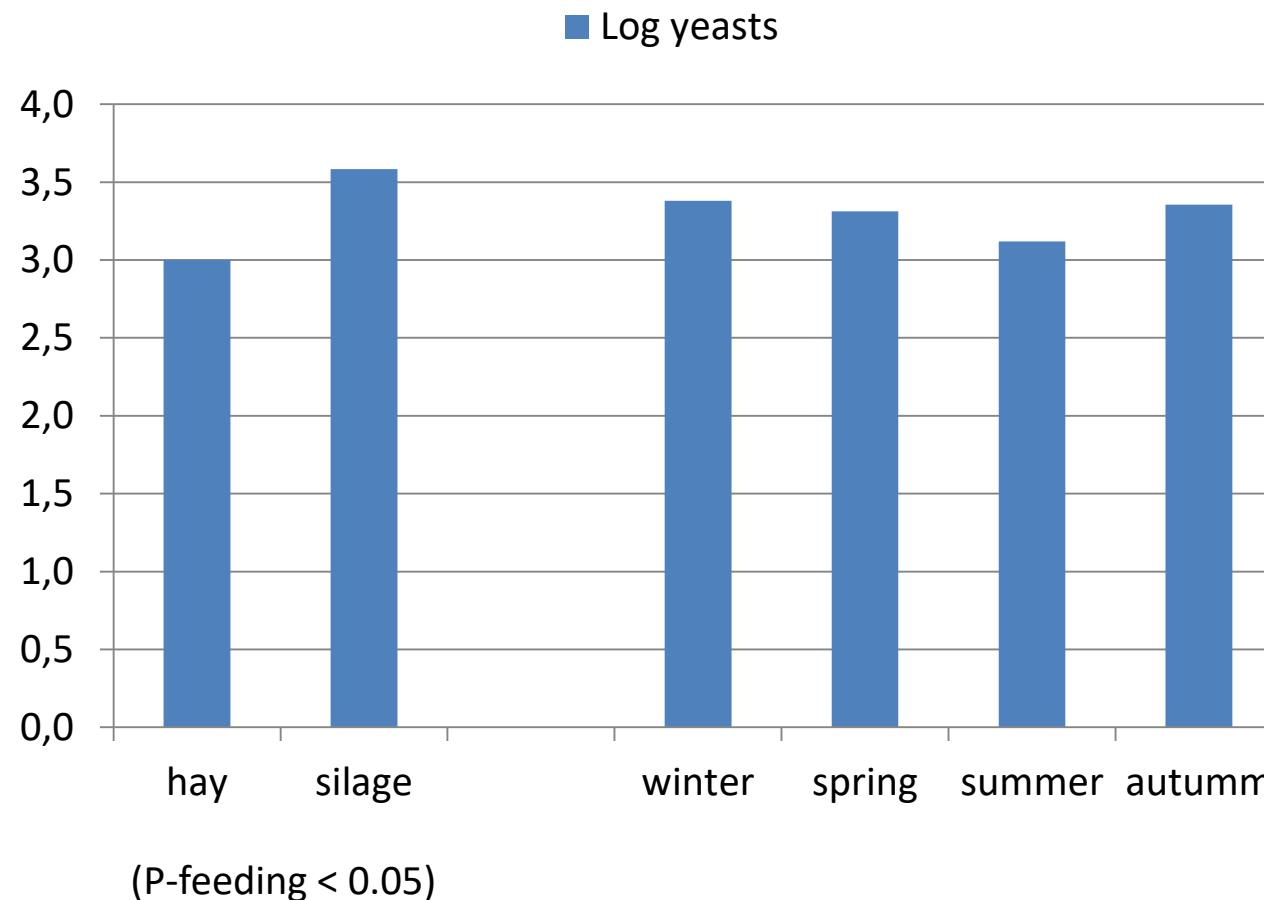
Physico-chemical parameters



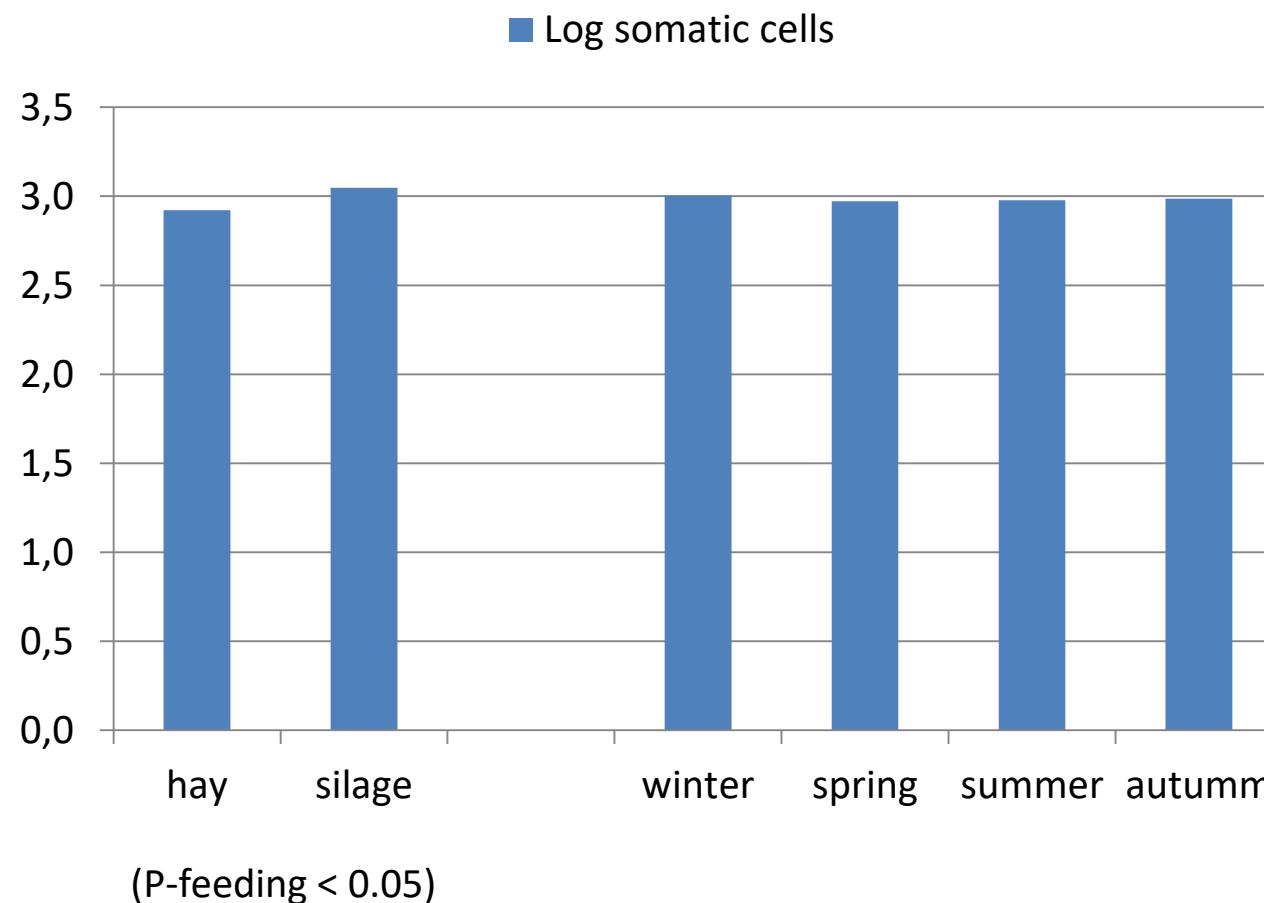
Hygienic parameters



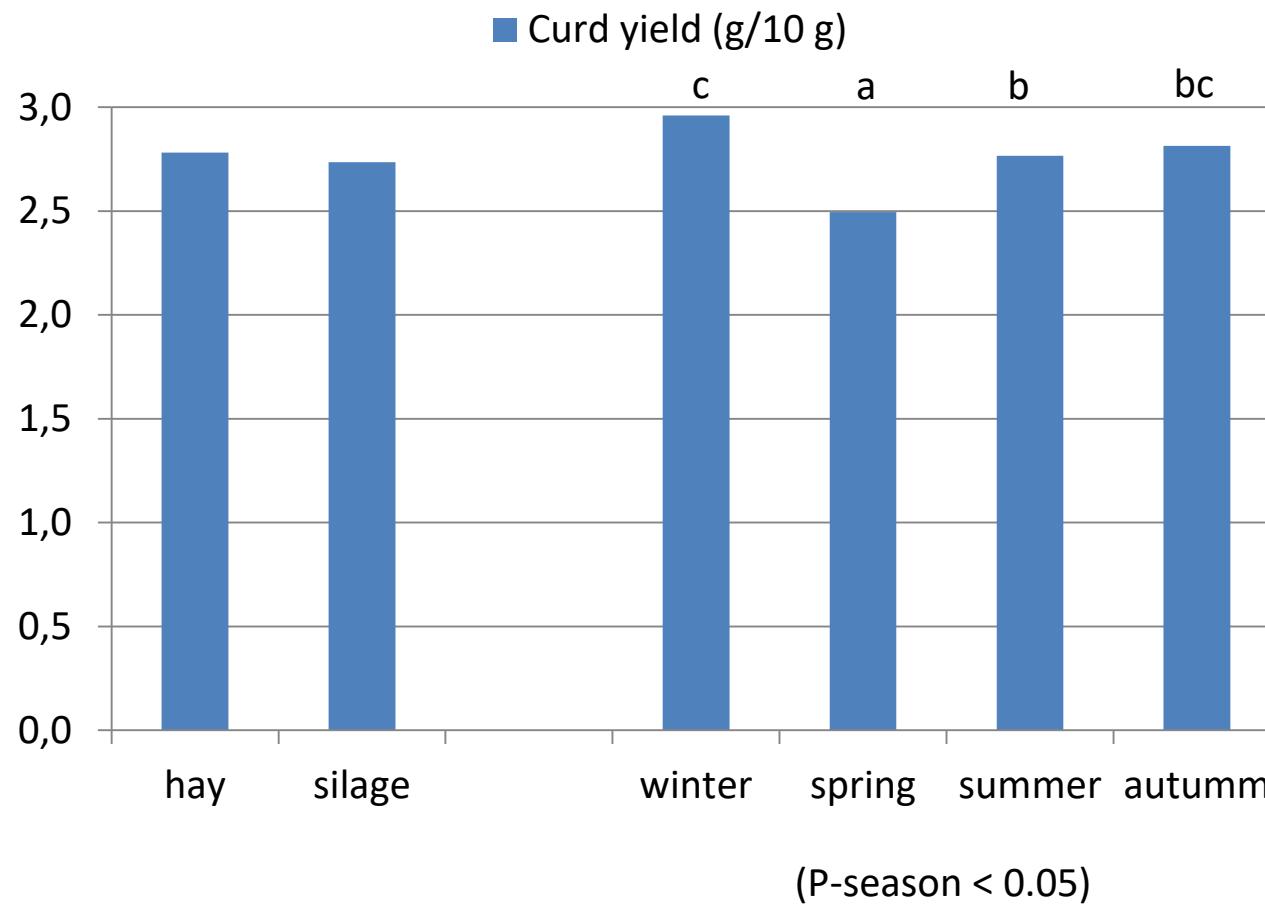
Hygienic parameters



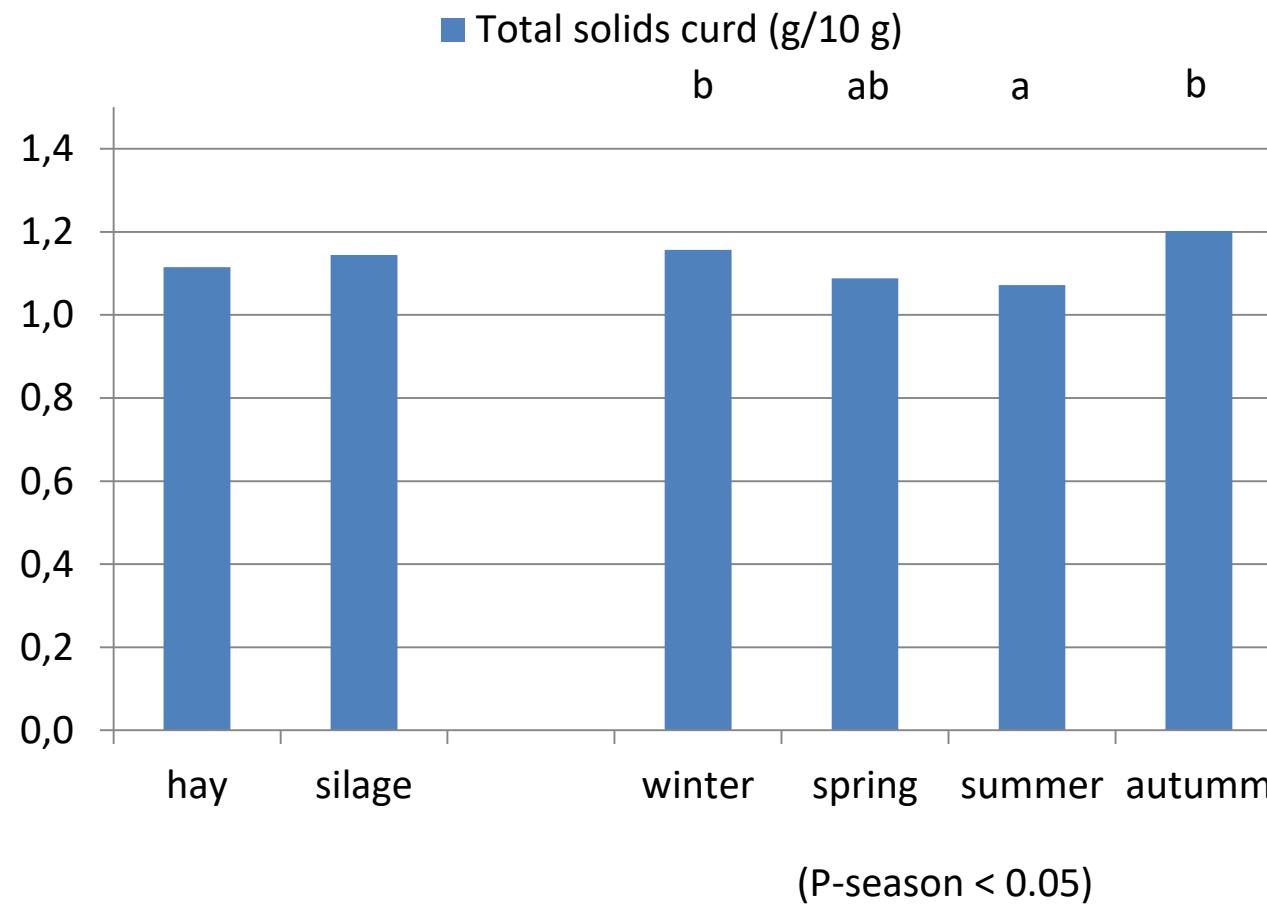
Hygienic parameters



Technological parameters



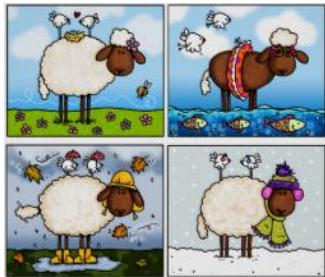
Technological parameters



Conclusion

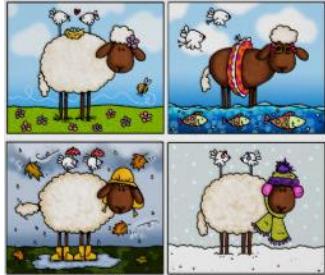
Sheep milk quality:

- Is greatly influenced by season



- May be impaired by the use of silage

(These are partial conclusions of a two years study)



Thanks for your attention



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