CONTEXT PROFILE

SWEDEN

FARMER
Köinge Martin Ivarsson - Stommen

INNOVATION
Two cuts between grazing

Video

MAIN DOMAIN OF THE INNOVATION
Improvement of grassland management

SOIL TYPE
Loam

FINANCE/INVESTMENT
Mid

AGROCLIMATIC AREA
Atlantic central

MANAGEMENT
Pasture dairy

MARKET
Global

CLIMATE
Moderate rainfall

TECHNICAL
Computer-based

SOCIAL
Full-time farmer

All contents of this document are expert opinions of the G4AE Scientific Technical Working Group

CONTEXT PROFILE

SWEDEN

Case Study: SE_06	Agroclimatic Zone								
Item (Key Innovation Elements)	**Alpine**	**Atlantic Central**	**Atlantic North**	**Atlantic South**	**Boreal**	**Continental North**	**Continental South**	**Mediterranean North**	**Mediterranean South**
Two cuts between grazing	++	+++	+++	+++	+++	+++	++	+	+

+++ **Strong transferability**

++ **Slightly limited transferability**

\+ **Very limited transferability**

× **Generic information/not relevant**

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Implementation Gaps

- Growing season too short for two cuts and grazing, e.g. in high alpine areas
- Needs relatively good soil for this number of cuts and this level of productivity
- Needs enough rainfall for this number of cuts and this level of productivity

Research Gaps

- There is limited information and research on this kind of management, but insights can partially be drawn from other mixed systems involving cutting and grazing

Suggestions to Adapt

- Have paddocks with one cut and grazing
- Have paddocks only for grazing
- Go to a more extensive system
- Have more fields

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COST-BENEFIT ANALYSIS

INVESTMENT COSTS

Total initial investment costs at start up:	low
• Initial authorisation costs (e.g. sanitary, veterinary, etc.)	not applicable/not known
• Initial advisory costs	not applicable/not known
• Initial buildings and machineries	not applicable/not known
• Initial certification costs	not applicable/not known
• Initial working capital (personal qualification, marketing and promotion, etc.)	low

ON-GOING COSTS

On-going advisory costs	not applicable/not known
On-going certification costs	not applicable/not known
On-going buildings and machinery costs	not applicable/not known
On-going working capital	low

BENEFITS RELATIVE TO ORIGINAL SYSTEM

- **Economic**

Reduction in energy consumption (electricity; fuel consumption)	not applicable/not known
Reduction in input use (fertilizers; pesticides; feed) etc.	mid
Payback period	high
Product value added	not applicable/not known
Additional farm income through agroecological/agri-environmental payment schemes	not applicable/not known

- **Environmental**

Animal feed self-sufficiency increase	mid
Biodiversity increase	not applicable/not known
Improved nitrogen cycling	mid
Soil regeneration	not applicable/not known
Animal health and welfare improvement	mid

- **Social**

Workload reduction	not applicable/not known
Engagement of young generation	not applicable/not known

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Literature

English

- https://www.researchgate.net/publication/285918973_Benefits_of_multipaddock_grazing_management_on_rangelands_Limitations_of_experimental_grazing_research_and_knowledge_gaps
- https://www.sciencedirect.com/science/article/abs/pii/S1550742418300502

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