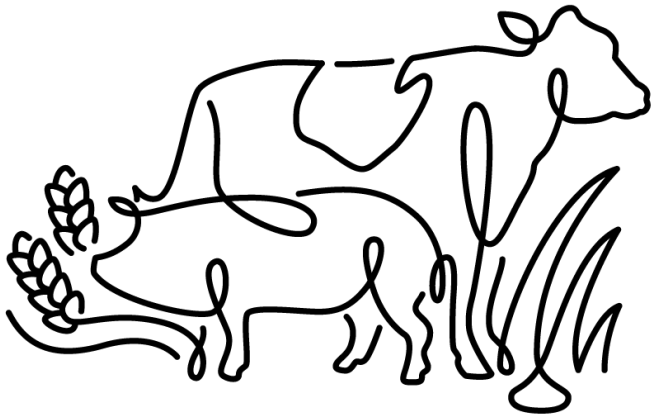

Economic impacts of slurry acidification

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Baltic Slurry Acidification

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The economic analyses of SATs for sample farms:

SAT	In-house		In-storage		In-field	
Slurry type	Cattle	Pig	Cattle	Pig	Cattle	Pig
Non-acidified slurry NH_3-N emission , %	House 8 Storage 10 Field 40	House 30 Storage 14 Field 40	Field 40			

Cost decrease by cattle slurry acidification compared to incorporation non-acidified slurry

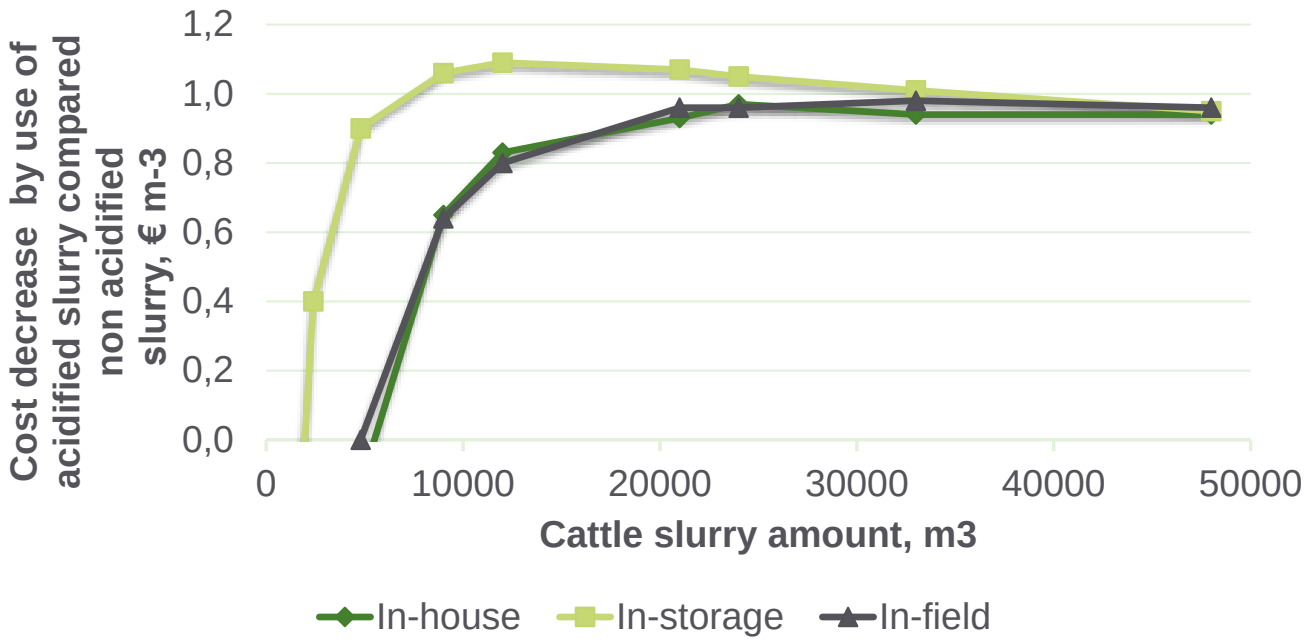

Table. The minimum amount of slurry and corresponding amount of animal, by which the slurry acidification has cost-benefit compared to incorporation.

SAT	Cattle slurry amount, m^3	Number of cattle
In-house	5,200	217
In-storage	1,752	73
In-field	4,800	200

Economic analyses tools for SAT-s

The Excel tools are created to calculate SATs cost-benefit compared to non-acidified slurry by different

- storage covers and
- spreading technologies.

A careful analyses with local parameters should be made before deciding invest to some SAT.

The calculation tools will be available on Baltic Slurry Acidification project website.

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Thank You!

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