

Demonstration Farms, WP5



Christer Nilsson

Sånga Säby
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WP 5: Demonstration farms

- Demonstration farm network
- Environmental and financial analysis
- Documentation of measures and practices
- Demonstration of manure management
- Arrange study trips

Main achievements 2011

- Demo Farm selection criteria
- Demo Farm acquisition in each country
- Web page for each in English



WP 5: Demo Farms October 2011

	Commitment	Acquired
Finland	10	10
Estonia	8	8
Latvia	10	16
Lithuania	12	6
Poland	47	48
Denmark	10	10
Sweden	20	20
Total	117	118

Paappala Farm

Category: [Fertilization](#) | [Manure management](#) | [Plant cover](#) | [Soil tillage](#) | [Treatment of run-off waters](#)

Tags: [animal production](#) | [buffer zones](#) | [Finland](#) | [manure](#) | [split application of fertilizers](#) | [wetland](#)

Country: [Finland](#)



Basic description

The main house of the Southwest Finnish Paappala farm is located in Lieto.....

Agriculture and forestry

The farm's field area is around 920 ha of which 420 ha is.....

Good agricultural practises and innovative technologies

The farmer takes part in the Finnish agri-environmental programme and

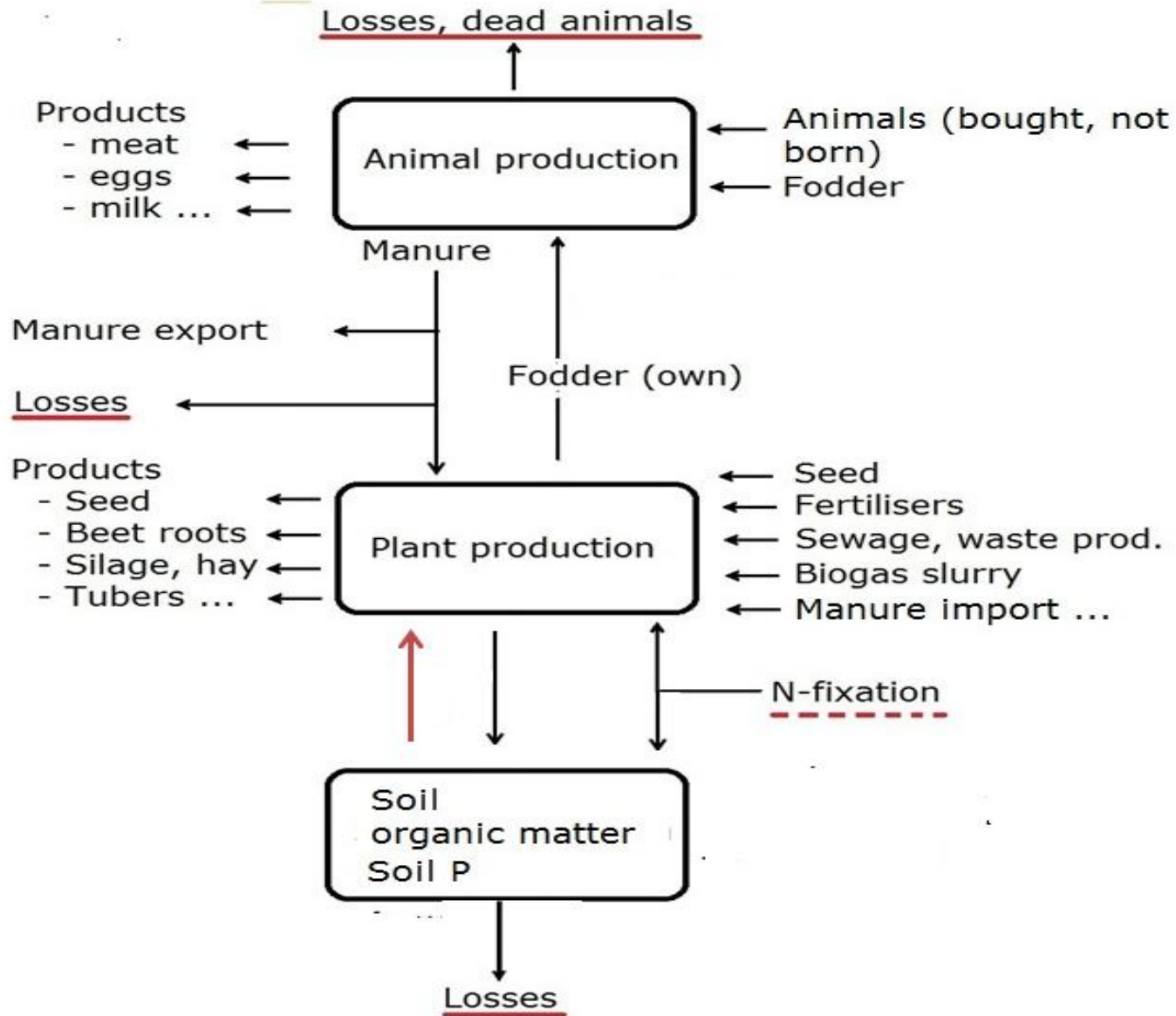
Planned agri-environmental measures

The aim of the farm in the future is still to produce.....

Plans for first part of 2012

- Quantification of nutrient flows for farms
- Planning improvements on farms





KVÄVEBALANS

BÄCKENS GÅRD 2011

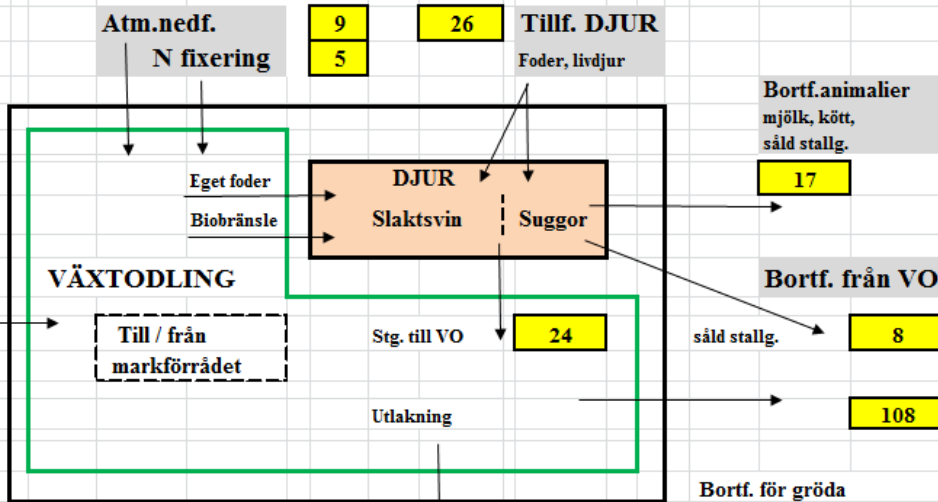
areal ha 500

Tillförsel

Växtodl. 146

GÅRDEN, tillf.	kg tot.	kg N
mineralg. kg N	72000	72000
utsäde spm.	60000	990
utsäde pot.	25000	88
biprod. % N		0
biprod. % N		0
N fixering	2500	2500
ext.tillf. stallg.		0
foder köpt ext.	13	13
konc. 34% prot.	120000	6528
livdjur		0
nedfall 9 kg/ha	4500	4500
		0
summa		86618

173



uppskattad utlakning enl. modell

24

BALANS GÅRDEN	
tillf. växtodlingen	75578
tillf. djuren	11041
summa	86618
bortf. växtodlingen	57765
bortf. djuren	8310
summa	66075
Växtn.balans / ha	41

41

utlagn. enl. modell	24
möjl. denitrifikation	15

"RISK" N UTL. 2

Bortf. för anim.prod.

	tot. kg	kg N
mjölk	200000	1060
kött nöt		0
kött svin	250000	7250
kött fjäderfä		0
summa bortf.		8310

17

	tot. kg	kg N
spannmål	3000000	49200
oljevaxter	75000	2625
frö		
halm	100000	700
s.betor		0
morötter		0
potatis	200000	1400
såld stallg.	1200	3840
summa bortf.		57765

116

amm. N i stg. kg / ton 3,2

såld stallgödsel m3 1200

egen stallg.anv. m3 3800