

Tabel 1. Mælkeproduktion ved stigende andel rapsfrø i kraftfoderet til køer fodret ad lib med ensilage. Resultater fra fodringsforsøg 2001/02 på to private gårde

Farm Treatment, SFU	Erik Andersen			Bent Nielsen		
- barley	5	4.4	3.8	5	4.4	3.8
- rapeseed	0	0.6	1.2	0	0.6	1.2
N						
Milk, kg ECM	23.0	24.0	25.9	27.6	27.2	27.3
Fat, g	973	1000	1080	1114	1105	1114
Fat, %	4.37	4.15	4.12	3.95	4.03	4.03
Protein, g	712	738	800	899	889	887
Protein, %	3.19	3.04	3.05	3.19	3.24	3.21

Tabel 2. Reproduktions resultater afhængig af foderniveau og planlagt kælvningsinterval

Feeding level Calving interval, months	Group N		Group L		n
	12	18	12	18	
Calving to 1. insemination, days	73 ± 12	229 ± 10	74 ± 12	208 ± 11	81
No. insemination per pregnancy	2.8 ± 0.5	2.3 ± 0.4	2.2 ± 0.5	2.6 ± 0.5	81
Calving interval, days	384 ± 18	511 ± 21	372 ± 18	502 ± 16	40

Tabel 3. Content of CLA and t-vaccenic acid in milk from cows feed different amount and type of concentrate.

	Group 1	Group 2	Group 3
	Barley	Rape seed cakes	Rape seed + Barley
CLA, % of milk fat	0,74	0,92	1,20
t-vaccenic acid, % of milk fat	2,17	2,43	4,02

Tabel 4. Estimated daily intake of β -carotene and vitamin E per lactating cow.

β -Caroten, mg/cow/day						
farm nr	Grass silage	Whole crop	Grass pellets	Grain	Rape seed	Sum
1	63	69		0	1	132
2	366	8	7	6	1	389
3	164	1	52	1	0	221
4	292	2	54	1		353
5	498		39		1	542
6	146	144	19		2	314
7	599			1	1	607

E-vitamin IE/day/cow							
farm nr	Grass silage	Whole crop	Grass pellets	Grain	Rape seed	Other	Sum
1	180	774		111	166	60	1232
2	584	67	49	123	111	98	935
3	322	295	201	66	49		935
4	950	395	166	114		38	1628
5	1275		142	45	111		1579
6	366	849	72	55	189		1538
7	1709			105	69		1891