



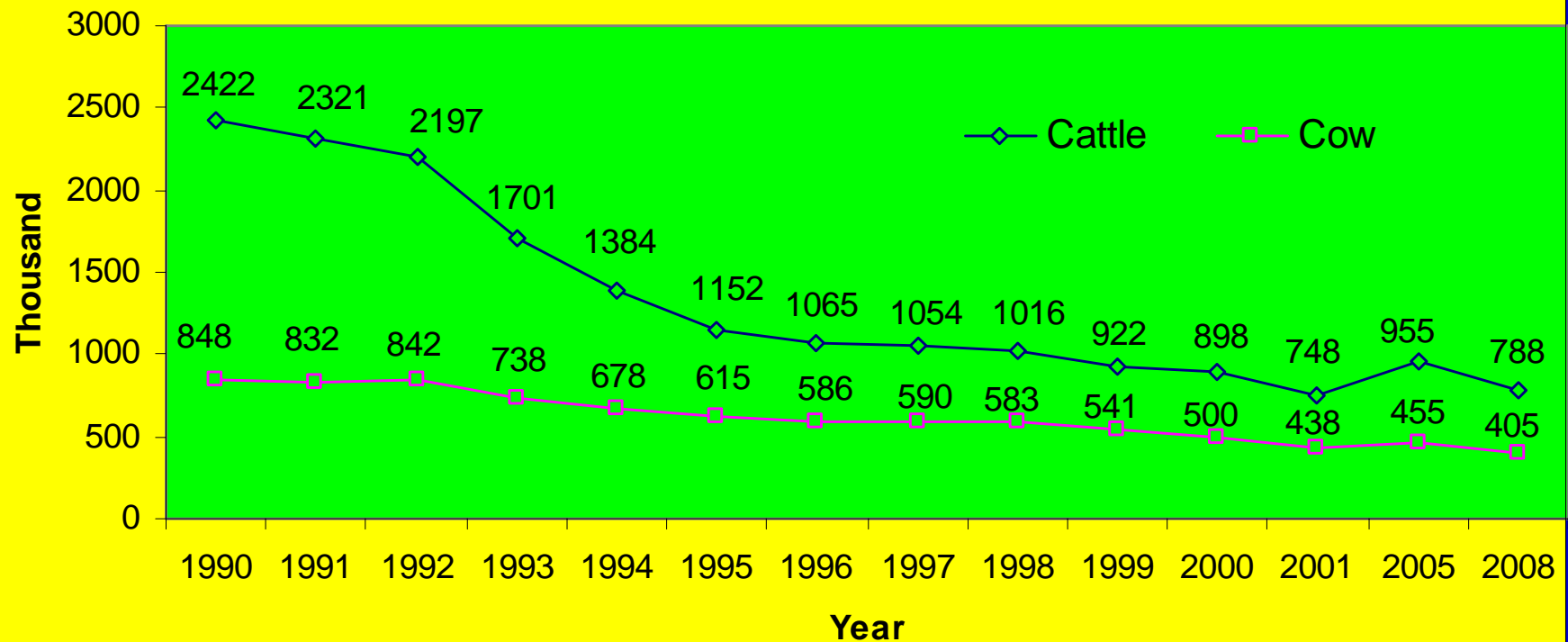
The implementation of good management practices on Lithuanian dairy-beef cattle husbandry through international programme and projects

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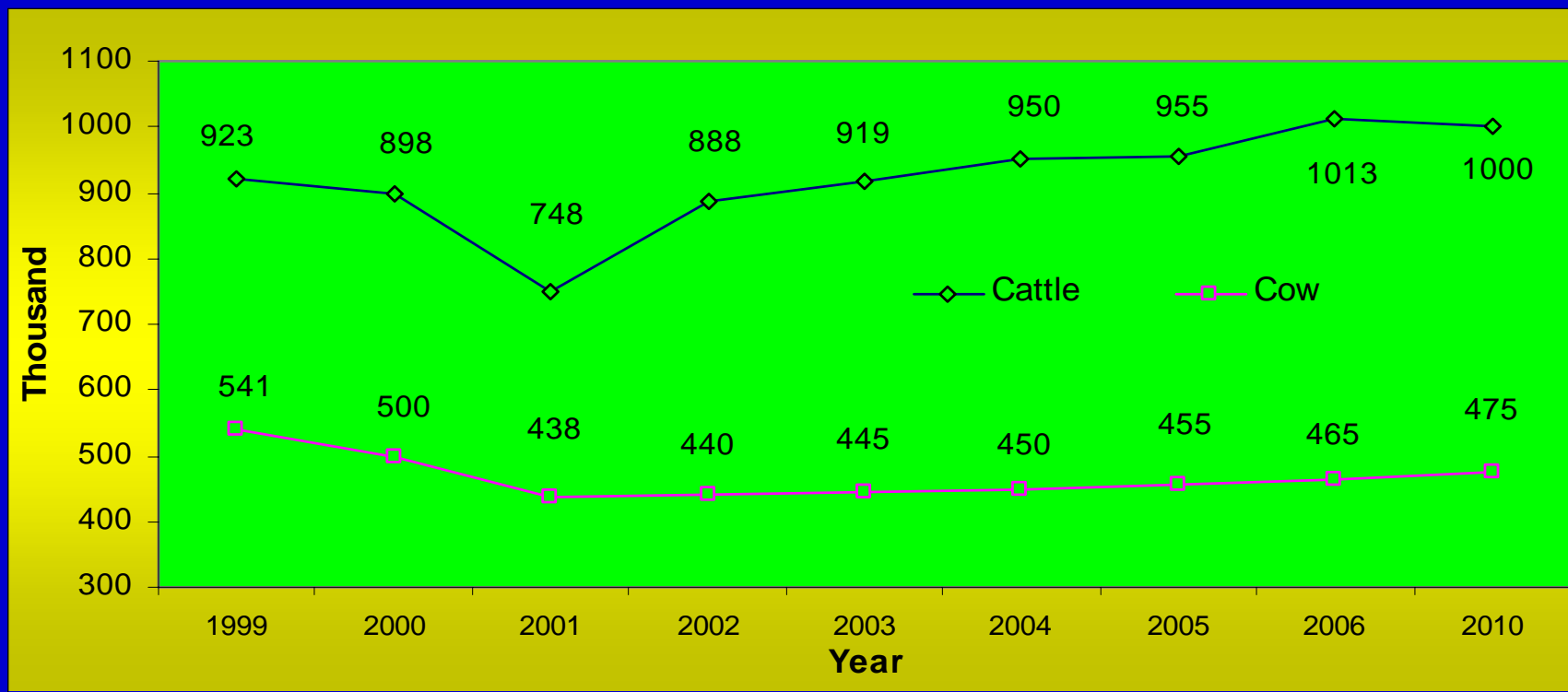
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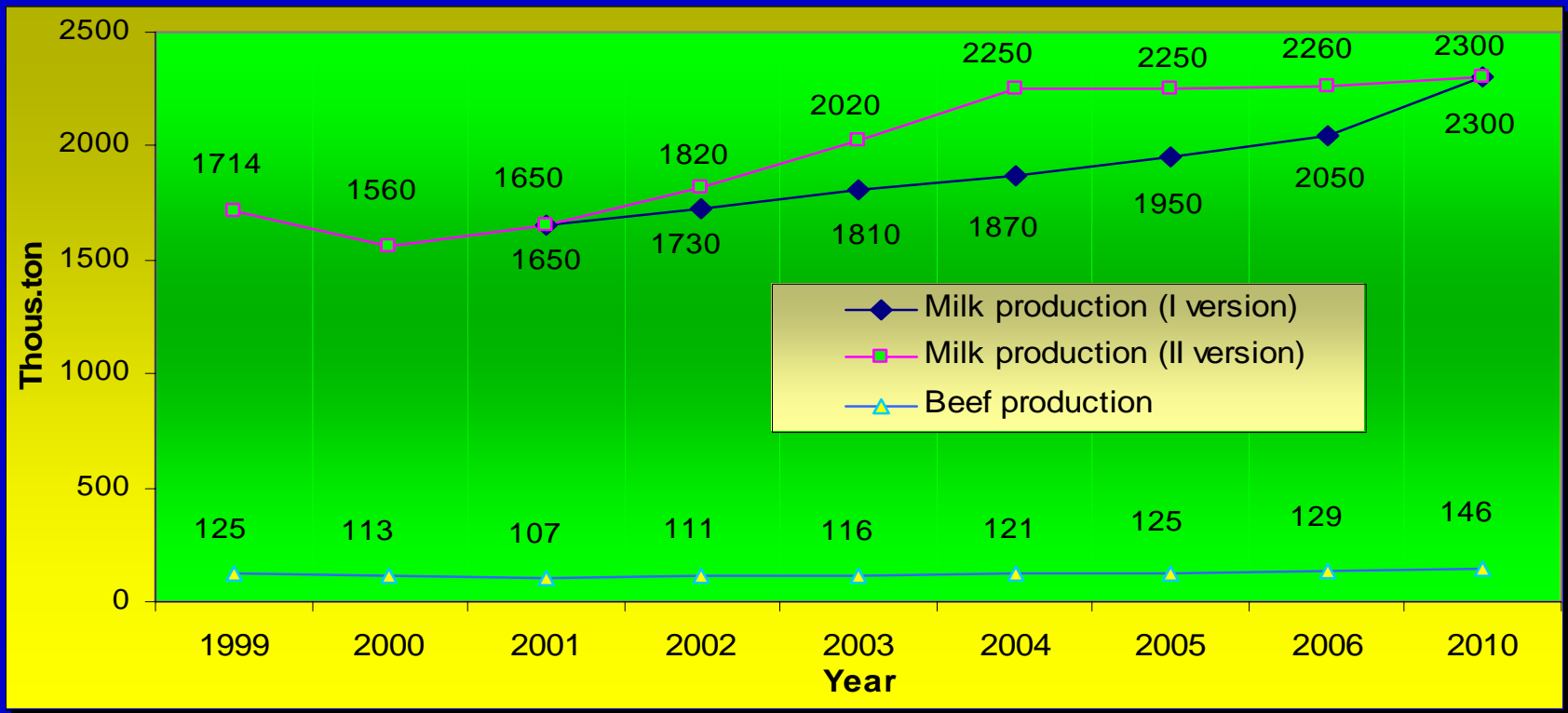
Dynamic of a number of the cattle in Lithuania (1990-2008 year)



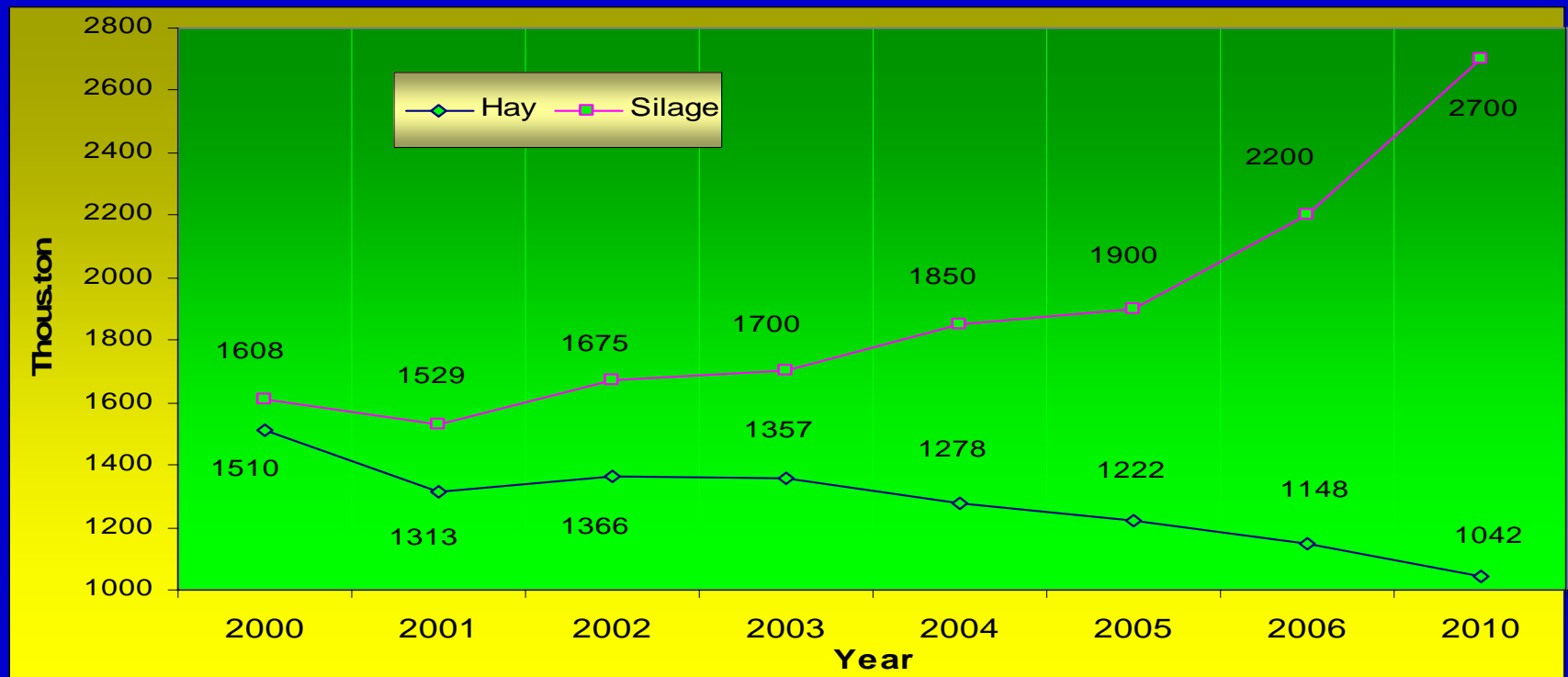
Prognosis of a number of the cattle



Prognosis of the milk and beef production



Prognosis of the forage production



Distribution of the farm according of a number of cows in the herd 2002, 2005 and 2008 year

No. of cows in the herd	No. of the farms			No. of the cows		
	2002	2005	2007	2002	2005	2007
1-2	178195	135734	92932	239559	175263	114922
3-5	38652	29355	16570	135764	106483	60485
6-10	5504	7507	6376	38881	54467	47329
11-20	1044	2440	2965	14540	34238	42381
21-30	185	540	927	4646	13267	23017
31-50	129	345	658	4976	13156	25160
51-100	75	162	346	5273	11076	23423
101-150	53	42	65	7914	5022	7795
151 and more	95	117	143	36673	41610	51409
Total	223932	176242	120982	488226	454582	395921

Activities of the PHARE Programme

„ Human Resource Development and Support to Grassland Management”: (1)



- Introduction of new and appropriate technologies on grass fodder specializing in good quality silage production;
- Establishment of 2 model demonstration plots for grassland husbandry on the grounds of Lithuanian institute of Agriculture and Institute of Animal Science. These institutions test and implement new technologies for grass forage preparation, reseeding, renovation and improvement of grassland;

Activities of the PHARE Programme

„ Human Resource Development and Support to Grassland Management”: (2)

- Evaluation of system of forage quality determination according to international rules and regulations;
- Training research staff, agricultural advisers and relevant machinery contractors in modern grassland management, forage production;
- Advise and assist procurement of equipment for Institutes of Agriculture, Animal Science on agriculture advisory service;
- Preparation informational publications for farmers on pasture management and forage production;

Activities of the PHARE Programme

„Human Resource Development and Support to Grassland Management“ : (3)



- Organizing study tours for Lithuanian specialists to gain relevant experience. Training agricultural advisers and farm managers on forage production, grassland management and grass breeding;
- Preparation of a Programme for grass land husbandry and grass forage production according to different regions of Lithuania.

A Danish- Lithuanian Project „Lithuanian Dairy Farms Demonstration Project” was set up with the following objectives: (1)



- To establish demonstration farms where highly effective and environmentally friendly dairy production systems of high quality products can be seen by farmers, advisers and researchers;
- To introduce a farming systems approach, employing data collection and techniques for data interpretation, to farmers, advisory services and research groups;

A Danish- Lithuanian Project „Lithuanian Dairy Farms Demonstration Project” was set up with the following objectives: (2)

- To establish tools and methods whereby the advisory services can effectively and rapidly disseminate results from the demonstration farms, and also to support the exchange of knowledge and experience through a wider network of advisers.

Dairy herd, feed intake, production at 3 selected for the project dairy farms

Farm	Farm 1			Farm 2			Farm 3		
	2000	2001	2004	2000	2001	2004	2000	2001	2004
No. cows	17	24	48	25	28	97	41	43	84
No. heifers	7	14	25	23	32	70	33	40	53
Feed intake per cow kg									
Silage and hay		6100	8500		7450	9450		7920	9200
Grass grazed		8000	7000		12000	11000		12500	11700
Milk yield per cow kg	5033	6527	6800	5113	5806	5000	4820	5035	6700

Activities of the Dutch-Lithuanian project

“Strengthening of control systems in the field feedstuff in Lithuania in pursuance of EC legislation” : (1)

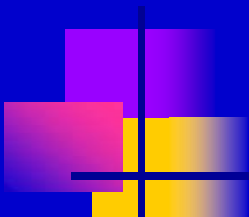
- Assessment of existing legal framework (GAP analysis) and assistance in implementation of necessary revisions in order to comply with EU legislative requirements. Improvement of management of policy and enforcement processes in line with EU requirements;
- Drafting of strategy paper on strengthening of the food-feed safety and the implementation of this strategy in annual planning routine of the relevant state institutions. Development and implementation an rapid alert system;

Activities of the Dutch-Lithuanian project

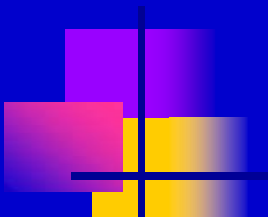
“Strengthening of control systems in the field feedstuff in Lithuania in pursuance of EC legislation”: (2)

- Training of inspectors, laboratory experts and management in performance of inspection and control tasks and auditing skills of self control systems. Assessment and improvement the procedures for sampling and laboratory analysis in line with EU requirements;
- Organisation of a number of stimulating seminars and workshops on food safety issues related to feed and the importance and principles of self control systems. Selecting 3 Pilot plants (Joniskio grudai, Kretingos grudai and Vievio paukstynas) for implementation project activities of self control in feedingstuff in these feed mills for the purpose of further dissemination;
- A mixing uniformity and carry over trials (Joniskio grudai) were organized and performed.

Conclusions

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- The Project (I) has encouraged farmers to purchase new equipment and machinery for forage production, this also influenced establishment of new companies engaging in agricultural machinery business.
 - Projects (I and II) helped to improve grassland management on dairy farms, stimulated to set new grass and legume seeds and to renovate pastures.
 - During projects (I and II) researches, advisors and farmers acquired new knowledge and established international collaboration, in order to take advantage of the present progress and knowledge of grassland management and dairy farming through out Europe.

Conclusions

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- Activities of the Project (III) have stressed Lithuanian feed sector and had positive effect on improvement of feed quality control system and feed quality and safety.
 - Lithuanian feed producers was very interested in auditing and consultancy in feedstuff safety and HACCP and GMP implementation.
 - Three auditing- consultancy rounds, seminars, training, mixing uniformity and carry over trial during project mission have the great effect on establishing in writing and implementation of HACCP system and feed quality and safety strategy in pilot plants.
 - The mixing uniformity and carry over trials and training in Microtracer analysis including statistical evaluation were successful and made great interest for Lithuanian feed mills and inspection service.



Thank you for your attention