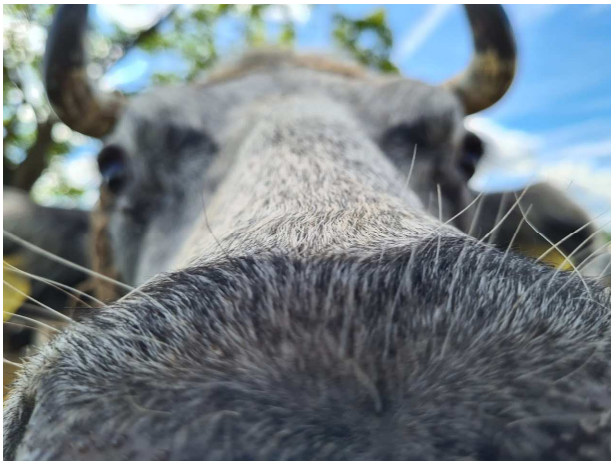


Lithuanian Ash-Grey Cattle and cheese



Rūta Šveistienė,
Animal Science Institute of Lithuanian University of Health Sciences

1

Lithuanian animal genetic resources

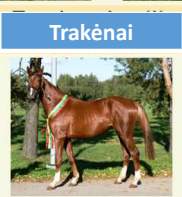
Conservation program approved by Ministry of Agriculture (1996, 2008)

Old native breeds

Žemaitukai	Šėmi	Baltnugariai	Šiurkščiavilnės	Vietinės	Vištinės

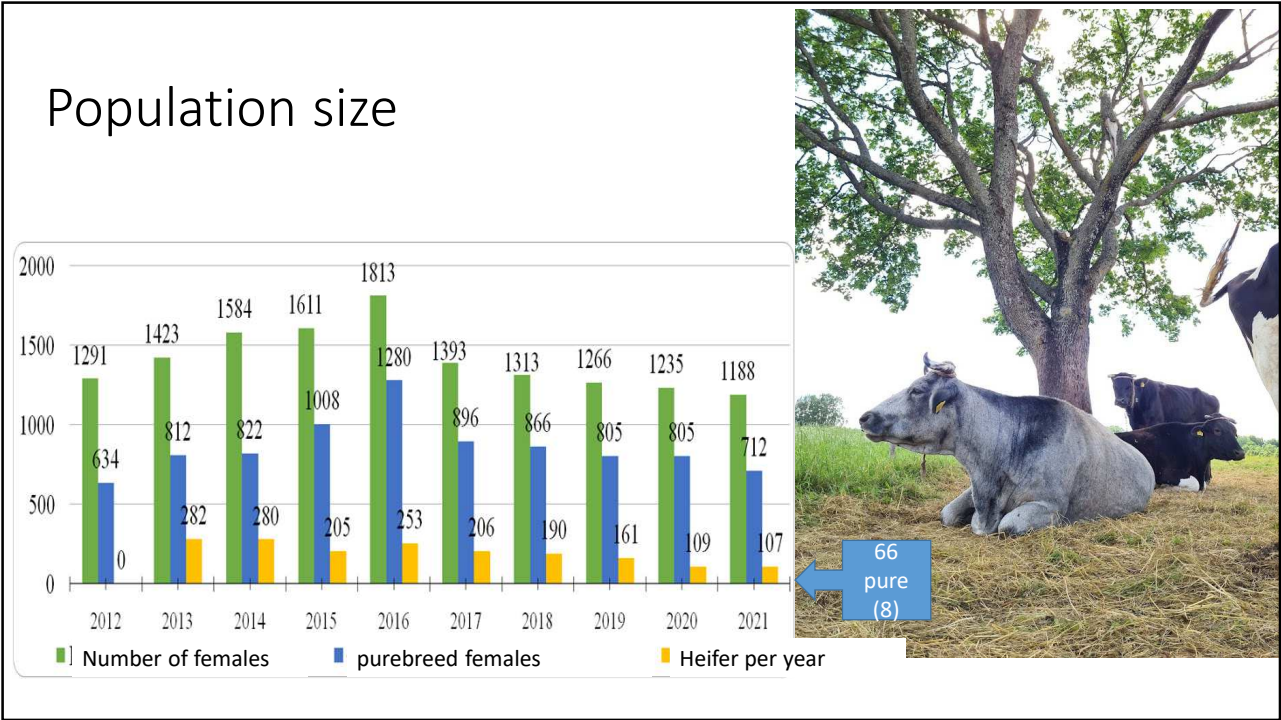
XX century recognised breeds

Stambieji Žemaitukai	Lietuvos sunkieji	Lietuvos žalieji SG	Lietuvos juodmargiai SG	Lietuvos Juodgalvės	Lietuvos baltosios SG



Transboundary breed

2



3

Productivity of herdbook cows

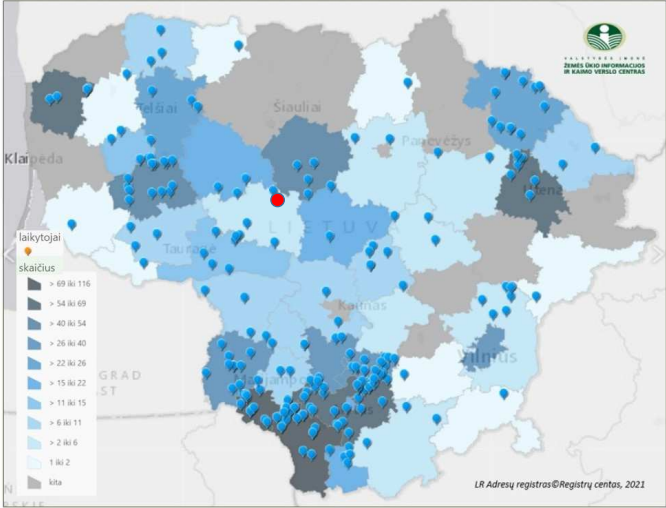
Breed	HB section	Average production per cow						F+P
		No. of cows	Milk, kg	Fat %	Protein %	kg	kg	
ABC – Main Chapter, P- Supplementary								
B&W	ABC	14981	8335	4,29	357	3,35	278	635
	P	10495	7944	4,27	339	3,39	269	608
Red, R&W	ABC	1209	7751	4,36	340	3,36	243	583
	P	2792	7980	4,37	349	3,45	275	624
White-Backed	ABC	290	5555	4,32	240	3.35	187	427
	P	86	6505	4,3	280	3.35	218	498
Ash-Grey	ABC	297	5796	4,14	242	3,33	208	450
	P	107	6382	4,14	264	3,37	208	472
B&W (old gen.)	ABC	564	6344	4,41	280	3,38	214	494
	P	157	8513	4,53	386	3,42	291	677
LRed (old gen.)	ABC	10	5440	4,19	228	3,49	190	418
	P	-	-					

4



Regional distribution of farmers

Vietinių šėmųjų veislės galvijų kilmės knyga



5



TRADITIONAL CHEESE MAKING

Lithuanian cottage cheese is called unripe cottage cheese



6



Curd

Cottage cheese

- Lithuanian cottage cheese (unripe cheese) made in an ancient way - instead of enzymes using
- milk is crushed only lactic acid bacterial leaven
- 2 methods of making cottage cheese have been invented:
 - sour milk
 - sweet milk.

7

Fermented cheese maker



8



9



10



11

Sustainable use

To promote the production by linking the certification and labelling of national heritage or new products from native breeds



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