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Report of WG Milk Recording in Goats

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Activity

Milk Recording in Goats Working Group

- Activities in Kuopio
- Meeting in Niagara Falls
- Discussion on "on-line DATABASE"
- Other traits (fertility, meat quality)?

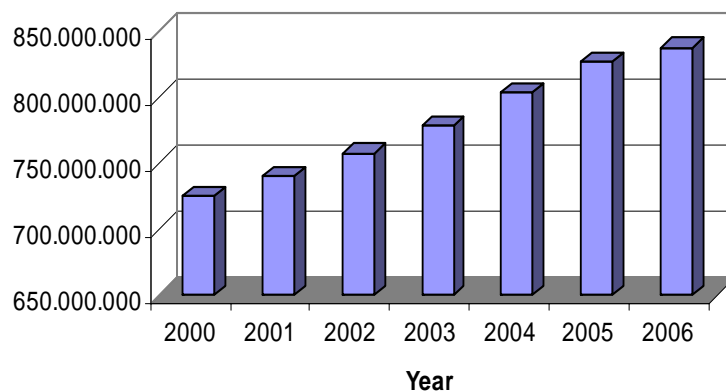


Goat in the World

- Goat are the fourth largest group domestic animal in the world
- **In the last 20 years:**
- Number of sheep -4 %
- Number of goat: from 520 ↗ 840 million head (+60 %),
- Goat milk: (+51 %) (=2,51% World production)
- Important sector in developing countries!
- In some countries goat milk play a part of total milk: Bangladesh (64 %), Mali 56 %, Somalia 47 %,
- Greece 39 %, Indonesia 27 %, Sudan 21 %, Spain 6 %, France 2,35 %,

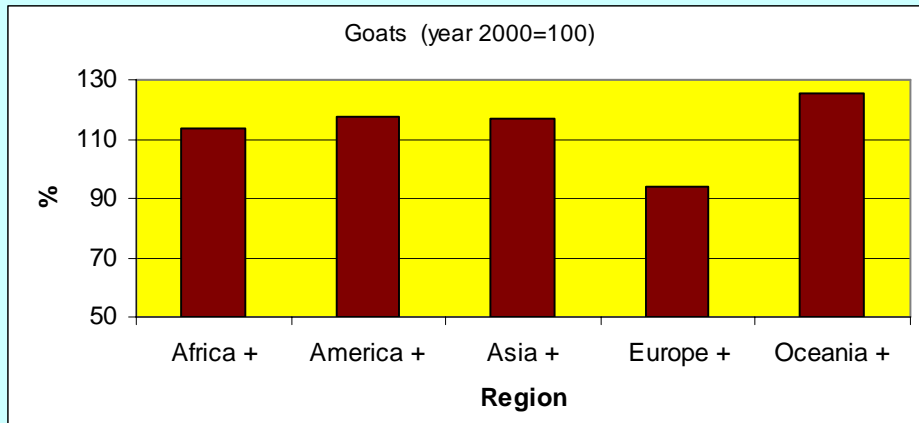
(FAO)

Number of Goats in the world



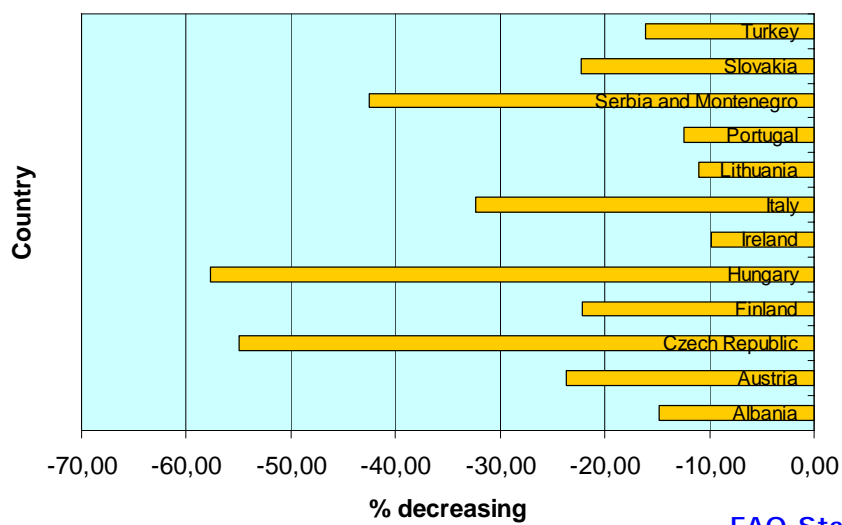
FAO Stat

Increasing (decreasing) Goats by Region



FAO Stat

Countries with decreasing of Goats (year 2000=100)



FAO Stat

Using of Milk Recording Method (2006)

Country	A4	AT4	B4	A5	AT5	A6	AC
Belgium		✓					
Canada	✓		✓				
Croatia		✓					
Czech R.	✓	✓					
France	✓	✓		✓	✓		
Germany	✓	✓	✓				
Greece	✓						
Italy		✓					
Norway			✓				
Slovenia		✓					
Slovak R.							✓
Spain	✓	✓				✓	
Switzerland	✓						
UK	✓						

Milk analysis in laboratory

Country	Fat	Protein	Lactose	SCC	Other
Belgium	✓	✓	✓		
Canada	✓	✓		✓	
Croatia	✓	✓	✓	✓	
Czech R.	✓	✓	✓	✓	
France	✓	✓		✓	
Germany	✓	✓	✓	✓	urea
Greece	✓				
Italy	✓	✓			
Norway	✓	✓	✓	✓	
Slovenia	✓	✓	✓		
Slovak R.	✓	✓	✓		
Spain	✓	✓	✓	✓	DM
Switzerland	✓	?			
UK	✓	✓	✓	✓	

On-line collection the data

Tables proposed on WG meeting 17. June

1. Total number of population and recorded population by breed in country
2. Recording methods
3. Methods of lactation calculation and milk yield by breeds
4. Recording of non-milking traits
5. Equipment for recording
6. Type of production (organic, conventional) and type of milking (machine, by hand)
7. Traits, which are included in breeding goals

Conclusions

- Increasing importance of simplification of milk recording
- The great diversity in lactation calculation
- Big differences in milk yield between breeds and countries
- The development of optional recordings: milk composition and non-milking traits
- Closely cooperation with other ICAR WG

- Including of meat traits (daily gain, classification by slaughtering)?
- Including fertility, health traits?
- Other traits (morphology, functional traits...)?
- To establish Inter-goat center for EBW of bucks (for example Boer breed)?





Thank you!