



Recent activities in conservation of AnGR in Slovakia

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General overview

Species	Breeds
Cattle	Pinzgau, Hungarian Grey
Sheep	Valachian, Askanian Merino, Tsigai, Improved Valachian
Goats	White Shorthaired, Brown Shorthaired
Horses	Slovak Warmblood, Hutsul, Furioso, Nonius, Slovak Sport Pony, Lipitsa, Shagya Arab, Noric of Murany
Pigs	Mangalitza

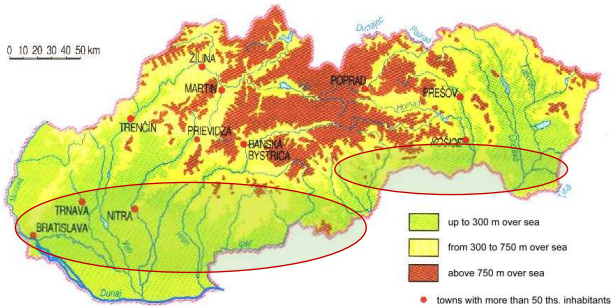
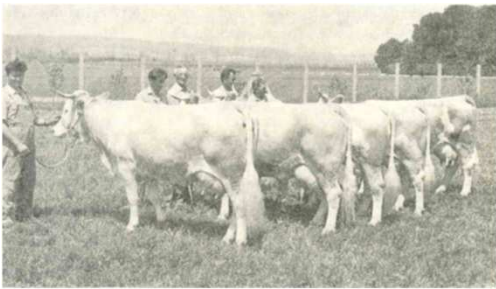
- Recovery of original type of Simmental cattle
- Recovery of Zobor rabbit
- Contribution of animal breeding to ecosystem services





Original type of Slovak Spotted Cattle (Simmental)

- first imports of Simmental cattle to the Slovak territory in 18th century, more intensive crossbreeding with local breeds in 19th century
- quickly adapted to local environment and conditions
- popular for growth intensity, milk production and drag force
- late 19th century – agricultural law – territory for Simmental cattle in lowlands of southern parts of the country

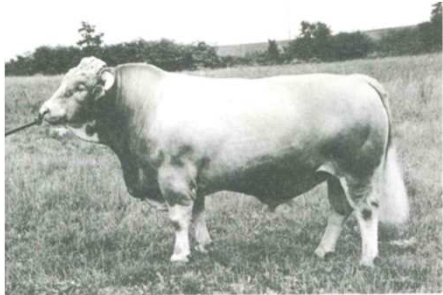
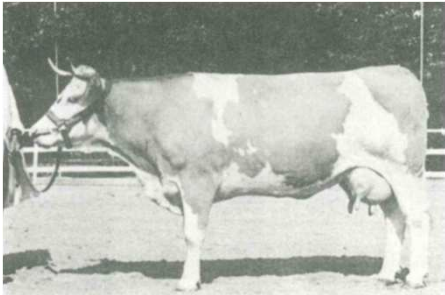


Original type of Slovak Spotted Cattle (Simmental)

- post-war period – intensification and crossbreeding continued
- creation of cooperatives
- 2 breeding regions maintained (mountainous - Pinzgau and lowland – Simmental)
- Slovak Spotted (Simmental) represented 56% of the whole cattle population
- 2023 - population 147,000 animals (18,700 purebred females in herdbook)

Year	Milk production
1925	2,000 kg
1970	3,000 kg
2001	4,000 kg
2006	5,000 kg
2014	6,000 kg
2020	7,000 kg

Source: Breeding Services of SR





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Original type of Slovak Spotted Cattle (Simmental)

- request from small farmers (households)
- animals of smaller frame, yellow color, long-living, robust animals, good fertility and easy calving, udder and teats suitable for hand milking
- suitable 1980s Simmental type
- semen doses from private AI station used from two bulls
- complications – doses stored in old style (special procedure needed for preparation and application of doses), red color of progeny (need for genomics)



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Original type of Slovak Spotted Cattle (Simmental)

- first calf born – yellow bull
- 10 heifers, 7 bulls born
- big demand for the calves



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Zobor rabbit

- first animals appeared in 1970s
- meat rabbit
- suitable for households, but also for intensive rabbit farms
- loss of breeders led to the loss of animals (14 animals registered in 2023)
- request from breeders association
- awareness raising and motivation of new breeders
- recovery from semen doses from GB NPPC (300 doses stored)
- 10 doses used for 3 females = 24 offsprings



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