



ERFP

AHA Animal Health Regulation and Genebanks



Regulation on the storage of old material in Poland

Ewa Sosin

National Institute of Animal Production, Balice near Kraków, Poland
ewa.sosin@iz.edu.pl



09th Oct 2023; Sint Michielsgestel.



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AnGR Conservation -legislation


- **Breeding Act on the organization of breeding and reproduction of farm animals from 10th December 2020 (Dz. U. z 2021, poz. 36)**

general information – chapter 5: definitions, responsibilities, organisational structure of farm AnGR conservation

According to Art. 34 p.3 The National Research Institute of Animal Production in Krakow (NRIAP) performs and coordinates tasks in the field of protection of genetic resources

One of the responsibility of NRIAP is:

3) collection and storage of biological material subject to cryopreservation in accordance with the program for the conservation of genetic resources;





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National Bank of Biological Material and other genebanks in NRIAP

2014

8 separated banks for cattle, pigs, horses and small ruminants

**Cattle – 10 breeds, mainly semen
Pigs – 2 breeds, embryos**

Species	Breed	Material type	Samples	Male donors	Female donors	First collected	Last collected
CATTLE	Polka czerwona (RP)	Semen	10716	92	0	2002	2021
CATTLE	Polka czarno-biała (CB)	Semen	4383	23	0	2009	2020
CATTLE	Polka czerwono-biała (CB)	Semen	9381	26	0	2007	2021
CATTLE	Leńcuwan	Semen	200	1	0	2018	2018
CATTLE	Polka holendersko-frzyjska czarno-biała	Semen	2218	3	0	2007	2011
CATTLE	Polka holendersko-frzyjska czerwono-biała	Semen	14214	14	0	2009	2014
CATTLE	Białogłowa	Semen	1273	49	0	2004	2020
CATTLE	Simmental	Semen	886	4	0	2009	2016
CATTLE	Polka czerwona (RP)	Embryos	18	2	2	2020	2020
CATTLE	Polka czerwono-biała (CB)	Embryos	45	5	0	2020	2021



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NRIAP old genebank

- collections of cattle semen (different breeds not only polish)
- unique embryos collection of Polish Red Cattle (about 1800) from 90' XX

NRIAP scientific collections

- tissues, roosters semen, drones semen,
- DNA samples

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The announcement of the consolidated text of the Regulation of the Minister of Agriculture and Rural Development 11th Sept 2013
consolidated text of Regulation of the Minister of Agriculture and Rural Development 20th May 2009

- § 6. 1. It is allowed to store and place on the market, only on the territory of the Republic of Poland, semen collected before 1 May 2004 if it is stored in a separate facility and will be used exclusively for artificial insemination treatments or to continue a legally prescribed breeding programme on the organization of breeding and reproduction of farm animals.

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Conclusion

- adaptation of the national legislation to the EU (*Commission Delegated Regulation (EU) 2020/686 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council*), could extend the ex situ conservation based on the available, already existing infrastructure (more effective management and use of the National Genebank while still maintaining high quality standards)

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Thank you for
your attention



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