

ERFP WG's meeting, Nicosia, Cyprus, 23-24.04.2024.



**Collection of semen few locally
adapted breeds for genebanking
in Serbia**

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Managemet

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Based on the **Law** on Incentives in Agriculture and
Rural Development, it was published

RULE BOOK on the incentive for the preservation of
animal genetic resources in the gene bank ("Official
Gazette of the RS", number 99/2023 of
10/11/2023)

The **public invitation** was in December 2023

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- **Subject of incentives based on the rule book:**
- **Providing incentives for the production and cryopreservation of semen for artificial insemination from autochthonous breeds of domestic animals: Busha, Podolian cattle, Domestic buffalo, Domestic-mountain pony, Nonius, Lipizzaner and Balkan donkey;**
- **The number of heads from which semen are produced and preserved, of each breed, is **three**;**
- **The number of semen doses per head of each breed is **1000**;**

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- Conditions for receiving of incentive:**
The user must be:
1. **A legal entity;**
 2. **Registered in the Register of Agricultural Holdings;**
 3. **Registered in the Register of breeding organizations and organizations with special authorization;**
 4. **That it meets the minimum requirements as an organization with special authorizations in terms of **technical equipment and professional staff** to perform the work of the animals reproduction center and artificial insemination;**
 5. **A member of EUGENA;**
 6. **That it has been actively engaged in semen production in the previous period of at least **five** years;**

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Of the four members of EUGENA from Serbia, the mentioned conditions were fulfilled by the

Public Enterprise Livestock Veterinary Center for Reproduction and Arteficial Insemination, Velika Plana;



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Obligations:

- The beneficiary of the incentives has a period of 18 months to realize the approved investment;
- The beneficiary of the incentive is obliged to permanently store the produced semen in liquid nitrogen, as well as to use the produced and preserved semen in accordance with the agreement on mutual rights and obligations concluded with the owner of the animal;



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Implementation by SVC Velika Plana:

1. Selecting animals:

- based on phenotypic characteristics,
- animals will be selected on the basis of the A or B list in the Herd Book (A list with complete pedigree, B list with incomplete pedigree - only in case no animals from the A list can be found);

2. Selected animals from the A list are genetically verified by confirmed laboratory methods;

3. Determining the exact health status of the animals;

4. Collection of semen under naturally controlled conditions;

5. Control of deep-frozen semen

- cytological control,
- microbiological control,
- deposition of semen in liquid nitrogen;

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Thank you for your attention

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