

Strain INRA9077 (France)

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Strain INRA9077



Male INRA9077



Female INRA9077

Strain INRA9077 (France)

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SUMMARY – Control strain in an experiment of selection for litter size.

Key words: Strain INRA9077, description, performance, genetics.

RESUME – "La souche INRA9077 (France)". Souche témoin dans une expérience de sélection pour la taille de la portée.

Mots-clés : Souche INRA9077, description, performances, génétique.

1. Breed name

INRA9077.

2. General description

2.1. Population data

2.1.1. Population size and census data

- (i) Total number of females being used in purebreeding: 100.
- (ii) Total number of females being used in crossbreeding: 0.
- (iii) Percent of females being used pure: 100%.

2.1.2. Herd sizes (Table 1)

Table 1. Herd sizes

Governmental farms	
Mean	
Adult animals	100

2.1.3. Origin of the breed: from New Zealand White and Bouscat White breeds

2.1.4. Situation with regard to danger of extinction: no danger, stable

2.1.5. Conservation programme: no

2.2. Use of the breed in a descending order of product importance

Meat.

2.3. Colour

Albinos.

2.4. General type*2.4.1. Body parts*

Middle size breed. Broad and cylindrical body. Well developed trunk. Imperceptible neck. Low shoulders and raised rump. Dewlap possible.

*2.4.2. Head: diamond-shaped**2.4.3. Eyes: red (albinos)**2.4.4. Ears: erect**2.4.5. Feet and legs: medium**2.4.6. Tail: straight or curly***2.5. Basic temperament** (for males and females): docile**2.6. Nest quality**

Pooled.

3. Pattern**3.1. Main features of farming***3.1.1. Socio-management system: intensive**3.1.2. Mating method: artificial insemination**3.1.3. Nutrition*

(i) *Concentrates*: pelleted.

(ii) *Water*: freely available.

3.1.4. Housing

(i) *Cages*: wired cages, indoor rabbitry.

(ii) *Photoperiod*: light-dark constant photoperiod (8/16).

4. Performance**4.1. Reproduction** (Tables 2 and 3)

Table 2. Information of sexual maturity

Trait	Mean
Age of buck at first service (months)	4.4
Age of doe at first mating (months)	3.8
Age of doe at first kindling (months)	4.5

Table 3. Fertility and fecundity traits

Trait	Mean
Conception rate (%)	80
Litter size at birth	7.3/6.5
Litter size at weaning	5.5

4.2. Carcass traits (Table 4)

Table 4. Carcass traits

Trait	Mean
Slaughter age (weeks)	10
Slaughter weight (grams)	2500
Hot carcass weight (grams)	1450
Dressing percentage	58

5. Genetic improvement (see Rochambeau, 1998)

5.1. Genetic parameters

- (i) $h_{\text{born alive}}$: 0.07.
- (ii) h_{weaned} : 0.04.
- (iii) $h_{\text{litter weight at weaning}}$: 0.07.

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