



Italian rabbit  
breeders association



# Italian genealogical book

and Rabbit Registry



The Italian association  
of rabbit breeders (ANCI)  
applies for **improving**,  
**valorizing** and **increasing**  
national rabbit breeding systems  
with special focus on the safeguard  
and conservation of Italian  
rabbit breeds biodiversity

# ANCI: the reference point of Italian cuniculture

ANCI manages two institutional activities (the Genealogical Book and Rabbit Registry).

Under the supervision of the **Ministry of Agriculture, Food Sciences and Forestry**, it promotes the development of Italian cuniculture and provides assistance to rabbit farms.



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## Institutional activities

- › The genealogical Book of Rabbit Breeds
- › Rabbit Registry
- › Expert roll of Rabbit Registry
- › National exhibition of Rabbit Registry Breeds

## Technical and sector activities

- › Support to rabbit farms
- › Prices monitoring and market assessment
- › Disseminate regulations
- › Collaboration with Scientific Association and Research institutions
- › Relationship with Public Administration

## Promotional activities

- › Valorize rabbit breeding systems and the consumption of rabbit meat
- › Collaboration with rabbit farmer's consortium and rabbit companies



# The Genealogical Book of rabbit breeds

The Genealogical Book represents an instrument for **genetic improvement of meat rabbit breeds** with special regard to genetic evaluation and certification of individual rabbits.

Technical activity relies on direct management by central nucleus and rabbit farms enrolled in the register of the Genealogical Book.

Selection strategy is based on a **novel organizational model** including the **Rabbit Genetic Center** as the source of **selection activity** entrusting enrolled rabbit farms the crossbreeding of pure breeds in order to increase the effect of heterosis.



# The breeds of the Genealogical Book

The selection of **meat rabbits** belonging to the Genealogical Book such as **Italian White**, **Italian Pied** and **Italian Silver** allows constant improvement of productive and reproductive features of individual rabbits.

**Italian White**



**Italian Pied**



The selection of Italian White and Pied breeds aims to improve productive performance of rabbits

**Features:**

- › High prolificacy
- › Excellent milk production
- › Efficient and longeve rabbit doeses
- › Adaptability to environmental conditions

**Italian Silver**



The selection of Italian Silver breeds has the purpose of enhancing growth speed and food conversion index

**Features:**

- › Rusticity and Robustness
- › High slaughter yield
- › Acclimatation to intensive rabbit breeding systems

# Italian selection of meat rabbit breeds

Italian White ♀



Italian Pied ♂



Hybrid F1 Female line ♀



Italian Silver ♂



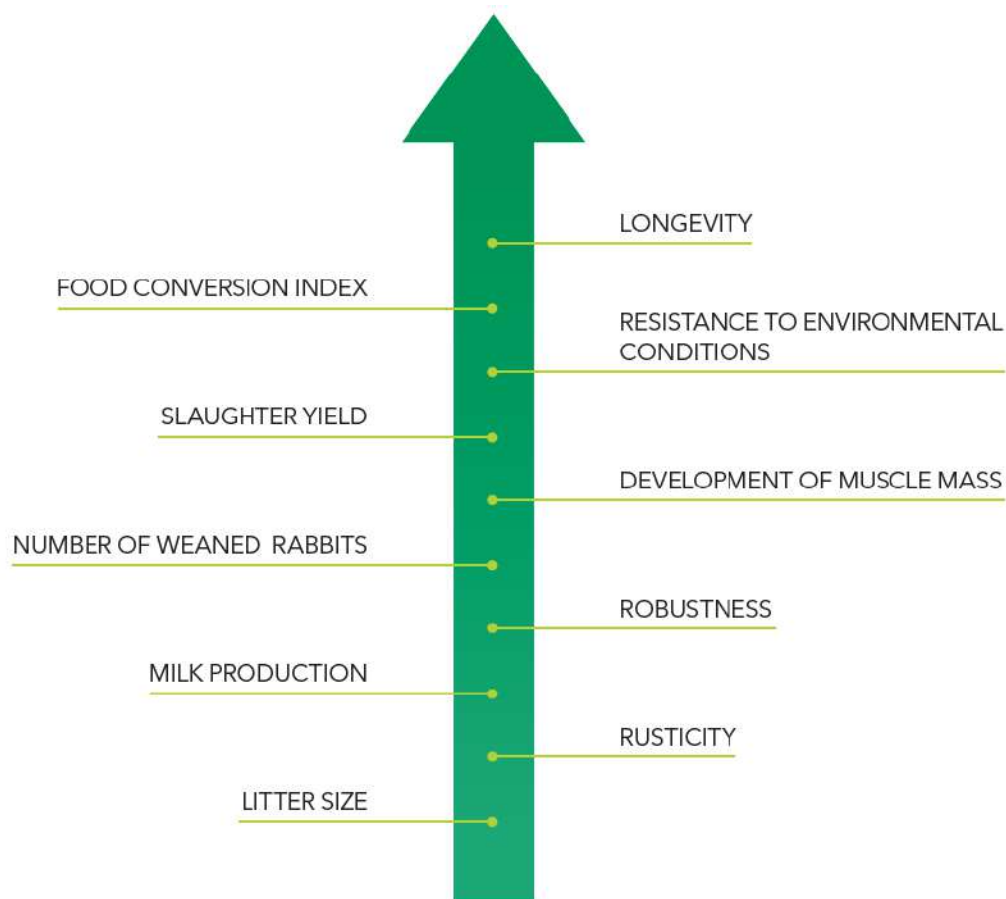
Hybrid F2 Meat rabbit





# The selection for rabbit meat quality

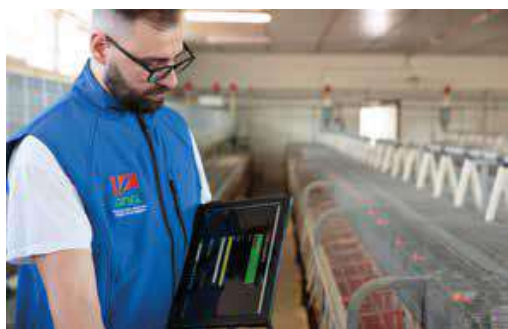
Selection process is performed according to thorough specific protocols and unique procedures. It aims to the improvement of productive and reproductive performance of individual rabbits with special regard to the following characters:



# Activities of Genetic Assessment

At the Genetic center productive and reproductive data on selected rabbits are costantly collected and monitored.

All individual rabbits are singularly identified and all collected data are used fot the elaboration of genetic indexes by BLUP-Animal Model procedure.



Data collection

associazione nazionale  
conigicoltori italiani

02097912 Bi

Lotto: 17/04/2023

Padre: 01998811

Madre: 02054002

N. Mammelle:

NOTE:

ACCOPPAMENTO			PARTO			Surv.	Noni
DATA	Maschi	Fem.	DATA	Vit.	Mort.		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

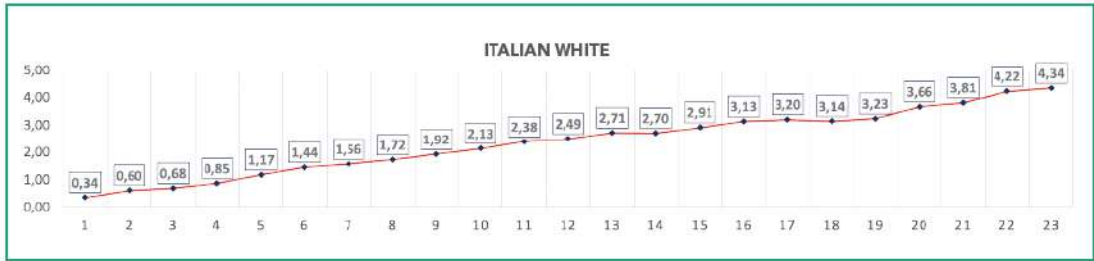
[www.anci-aia.it](http://www.anci-aia.it)

Identification tab

## Average genetic progress for each generation (total value index)

### Genetic evaluation activities

Individual rabbits having the best genetic index, will be selected as parents of the next generation in order to create a progeny with maximum average genetic value respect to previous parents generation





## Technical activities

- › Technical assistance to rabbit farmers:
  - Business development plan
  - Reproduction programs
  - Technical support and data management
- › Relationship with public administrations
- › Analysis and research in collaboration with Scientific associations and specific corporations
- › Dissemination of Italian rabbit registry regulations

## Services

- › Genetic evaluation of Individual rabbits belonging to the genalogical book
- › Supply of selected and certified rabbit breeders
- › Genetics and mating plans
- › Training on the management of rabbit breeding systems




**Pedigree certificate**

CERT. N°

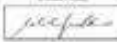
Associazione Nazionale Coniglicoltri Italiani

Genitori del soggetto			
Matrilinea	Matrile	Patrile	Patrilinea

Generazione					
Matrile	Matrile	Patrile di padre	Matrile di padre	Patrile di madre	Matrile di madre

Data:

Sig.

S. BENEVOLE 

# Promotional activities of the genealogical book



Italian rabbit  
breeders association

Valorization of selection of Italian  
genetics for rabbit breeding systems

Promotion of Italian  
and worldwide production  
of meat rabbit

Supply of selected and  
certified rabbit breeders

Dissemination of scientific  
knowledge and nutritional  
properties of Italian rabbit  
meat

Collaboration with consortia,  
public and private companies





Transfer of individual rabbits



Data recording



Evaluation of individual rabbits

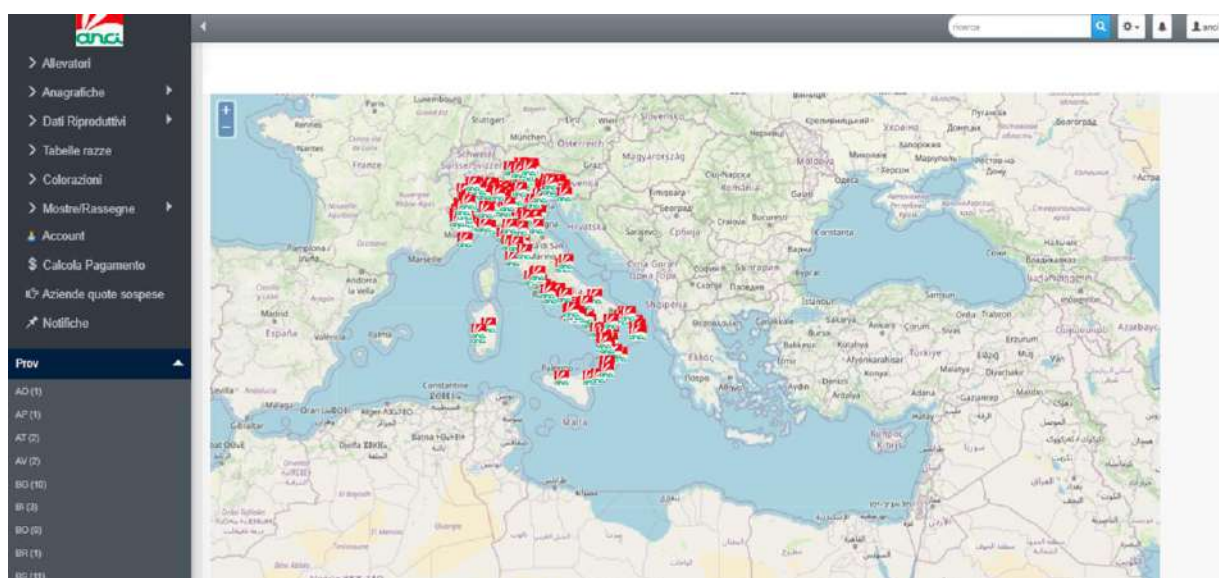


Litters selection process









Visualizzati 1 - 27158 di 27158

Selez.	ID	Matricola	Data nati	Sex	Razza	Modre	Pedire	Colore	Numero	N. Cert.	Data cert.	Data alle.	Titolo	Causa	Altre Note
<input type="checkbox"/>		082362803	12/03/2020	F	Anello Nero	823027028	823028084	Bianco Coda Blu		00/00/000	00/00/000	00/00/000			08230
<input type="checkbox"/>		0828041000	15/04/2020	F	Anello Nero	8080041003	8080011002	Rosso		00/00/000	00/00/000	00/00/000	E		08280
<input type="checkbox"/>		0830067001	15/05/2018	M	Anello Nero	4830048004	483002017	Gingio Lepre		00/00/000	00/00/000	20/05/2024	R		83000
<input type="checkbox"/>		0830075001	15/07/2018	M	Anello Nero	7050054008	7043787017	Blu		00/00/000	00/00/000	27/08/2024	R		83000
<input type="checkbox"/>		0830040005	23/04/2018	M	Anello Nero	7060050008	7060000001	Rosso		00/00/000	00/00/000	02/02/2022	R		83000
<input type="checkbox"/>		8C70090004	15/05/2010	M	Anello Nero	8C70030001	8C70042005	Cordillo	3568	19/12/2022	19/12/2022	19/12/2022	Q		8C700
<input type="checkbox"/>		8E70044003	24/04/2018	M	Anello Nero	8E70048002	8E70054007	Somese		00/00/000	00/00/000	00/00/000			8E700
<input type="checkbox"/>		0830040005	15/04/2018	F	Anello Nero	7060010001	7060040003	Rosso		00/00/000	00/00/000	10/08/2023	E		83000
<input type="checkbox"/>		8C80051002	15/05/2018	M	Anello Nero	8C80052005	7080051005	Rosso		00/00/000	00/00/000	15/08/2021	R		8C800
<input type="checkbox"/>		A00015006	11/05/2021	M	Gigante Pezzato	A000204008	A000308004	Bianco e Nero	3810	25/12/2021	25/12/2021	25/12/2021	Q		A0001
<input type="checkbox"/>		A000205004	24/05/2020	M	Gigante Pezzato	B250240118	A000364002	Bianco e Blu	3681	25/12/2021	25/12/2021	18/11/2021	Q		A0002
<input type="checkbox"/>		A000215001	07/06/2021	M	Gigante Pezzato	A000209003	A000208004	Bianco e Blu		00/00/000	00/00/000	10/12/2021	E		A0002
<input type="checkbox"/>		A000215002	07/06/2021	M	Gigante Pezzato	A000209003	A000208004	Bianco e Nero	3686	25/12/2021	25/12/2021	14/12/2021	Q		A0002
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<input type="checkbox"/>		A000215004	07/06/2021	F	Gigante Pezzato	A000209003	A000208004	Bianco e Nero	3688	25/12/2021	25/12/2021	25/12/2021	Q		A0002
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# ITALIAN RABBIT BREEDS REGISTRY

Italian rabbit breeds registry deals with the conservation of rabbit species including **44 breeds classified** (according to individual weight and hair structure) into **5 categories**: heavy, medium, light, dwarf and special hair structure types

## HEAVY



01. Flemish Giant



02. Flemish Giant White



03. Checkered Giant



04. Lop

## MEDIUM



05. Champagne d'Argent



06. Giant Chinchilla



07. English Lop



08. Vienna Blue



09. Burgundy Fawn



10. Hotot



11. New Zealand White



12. Silver



13. Himalayan



14. New Zealand Red



15. White Vienna



16. Harlequin



17. Rhineland



19. Belgian Hare



20. Cinnamon



21. Silver Marten



43. Lepri of Viterbo



44. Carmagnola Grey







# Promotional activities of Italian Rabbit registry



Italian rabbit  
breeders association



Rabbits accompanied  
by pedigree certificate

Official expositions

National biobank

CUNFU program  
For online management  
of Italian rabbit registry



## Enrolled Rabbit experts





## Expositions of Italian rabbit registry







Rabbit Genetic center ANCI

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[www.anci-aia.it](http://www.anci-aia.it)

# Italian genealogical book and rabbit registry