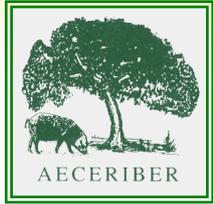


*In vivo* conservation of European Livestock

# THE IBERIAN PIG, THE EXAMPLE OF SUSTAINABILITY



Manuel Luque Cuesta

Wageningen – 17 June 2011

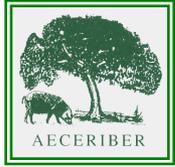




**For the moment, the conservation of the Iberian pig is “guaranteed”.**

***This is done by the protection and maintenance of its genotype and its specific farming system which is characterized by its peculiarity, which in turn, warrants the quality of the final product, the Iberian ham, highly valued in the market of high quality products.***

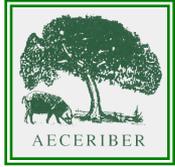




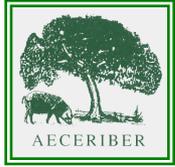
***The Iberian pig and its farming systems are a unique whole.***

***According to the raising system to be conducted, there is an associated farming system which implies not only the genotype of the animal, but the final age during fattening and feeding methods.***





**It was once the most widely kept pig breed in Spain**



**The breed's hardiness, foraging abilities, capacity to endure periods without much food, and its tolerance of extreme temperatures, make it ideal for extensive production under local conditions.**

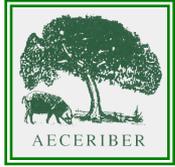


***FROM THE 1960s, DECLINE OF THE BREED:***



- **Large-scale introduction of exotic breeds.**
- **Drastic decrease of self-sustaining agriculture and increased demand for new products.**
- **Establishment of irrigation and mechanization of agriculture.**
- **Loss of profit in its traditional places of raising.**





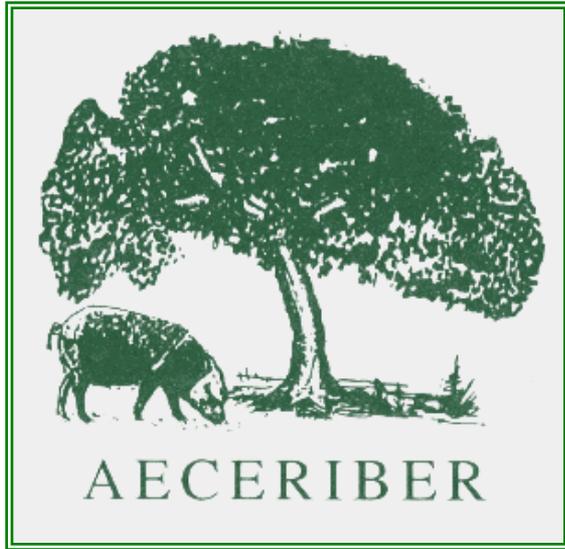
- **Shortening production cycles in extensive farming systems (Duroc-Jersey, 1950).**
- **Appearance of the African Swine Fever.**





## CENSUS EVOLUTION OF THE BREEDING ANIMALS FROM 1955 TO 1986

Year	Iberian Females	Rest	Total
<b>1955</b>	<b>567.424 (37%)</b>	<b>938.252</b>	<b>1.550.676</b>
1970	97.658 (11%)	815.361	913.019
1974	76.971 (7%)	1.002.042	1.079.013
1978	64.082 (5%)	1.171.060	1.235.142
<b>1980</b>	<b>45.000 (3%)</b>	<b>1.350.000</b>	<b>1.395.000</b>
1982	53.451 (4%)	1.318.918	1.372.459
1986	71.994 (4%)	1.765.311	1.837.305



**ASOCIACIÓN ESPAÑOLA DE  
CRIADORES DE GANADO PORCINO  
SELECTO IBÉRICO PURO Y TRONCO  
IBÉRICO**

**Established in 1985**

**MAIN OBJECTIVES:**

**CONSERVATION, RECOVERY, PROMOTION OF THE BREED:**

- **Establishment of the Herd Book (1987)**

**ANIMAL SELECTION:**

- **Breeding programme (1992).**
- **Conservation programme (Breeds at risk).**





- ✓ **HERD BOOK OF THE IBERIAN PIG BREEDS**
- ✓ **BREEDING/SELECTION AND CONSERVATION PROGRAMME**
- ✓ **LIVESTOCK EXHIBITIONS**
- ✓ **OFFICIAL AUCTION OF BREEDING ANIMALS**
- ✓ **PUBLICATION OF THE JOURNAL “SÓLO CERDO IBÉRICO” AND DIFFERENT BOOKS**
- ✓ **INFORMATION AND SERVICES**
- ✓ **PROMOTION OF ITS MEAT (PGI)**
- ✓ **INTERPROFESIONAL FOR THE IBERIAN PIG BREEDS**
- ✓ **ENTITY OF INSPECTION AND CERTIFICATION**





***TOTAL MEMBERS:***

**DIRECT MEMBERS/FARMERS: 783**

**FARMS: 1.500**

**INFORMATION REGARDING BREEDING ANIMALS:**

**FEMALES**

**150.000**

**MALES**

**4.686**







**Not at risk:**

**RETINTO**

**ENTREPELADO**

**At risk:**

**LAMPIÑO**

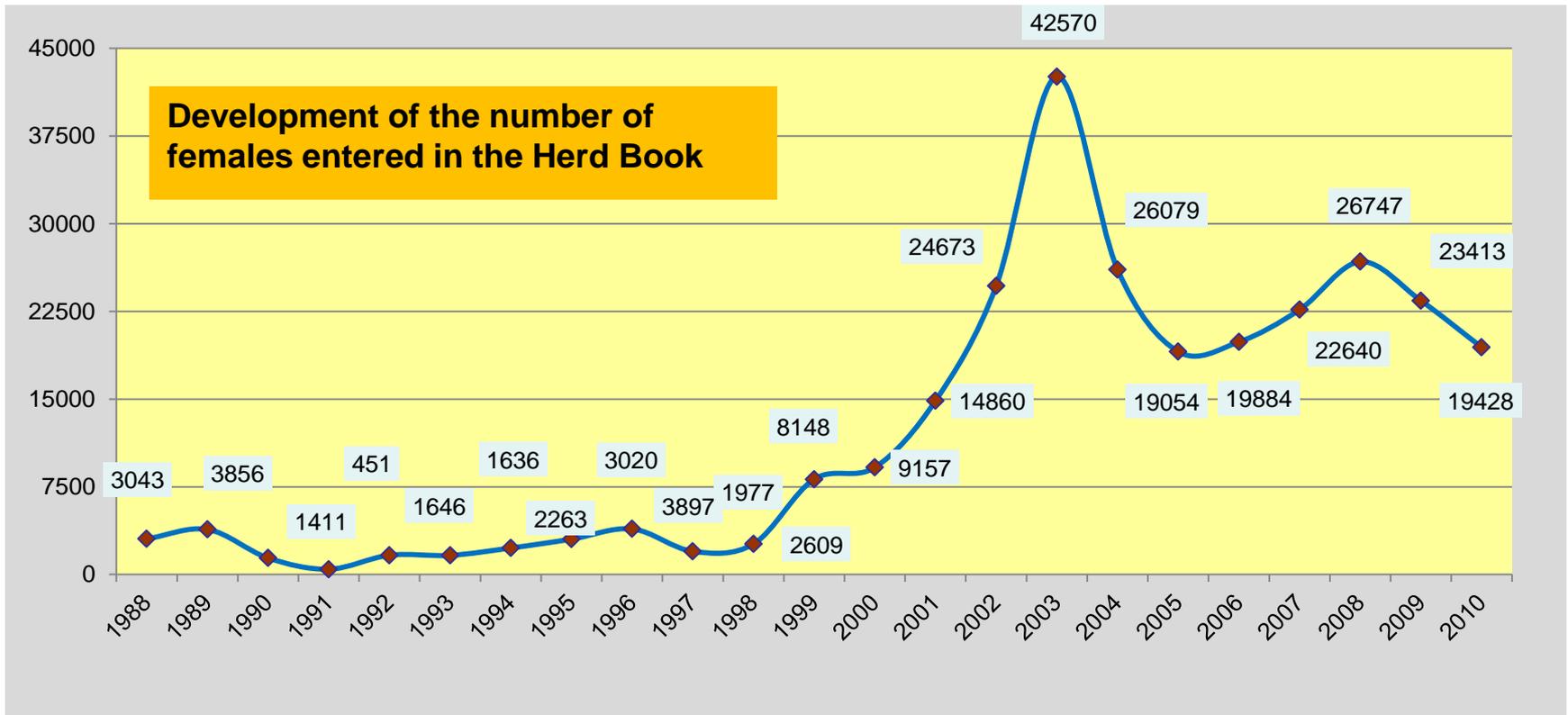
**TORBISCAL**

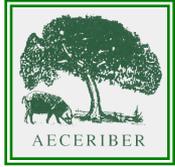
**MANCHADO DE JABUGO**





## Development of the number of breeding females entered in the Herd Book from its setting up (1988-2010)





**MAIN ESTRATEGY : DEFENCE OF QUALITY**

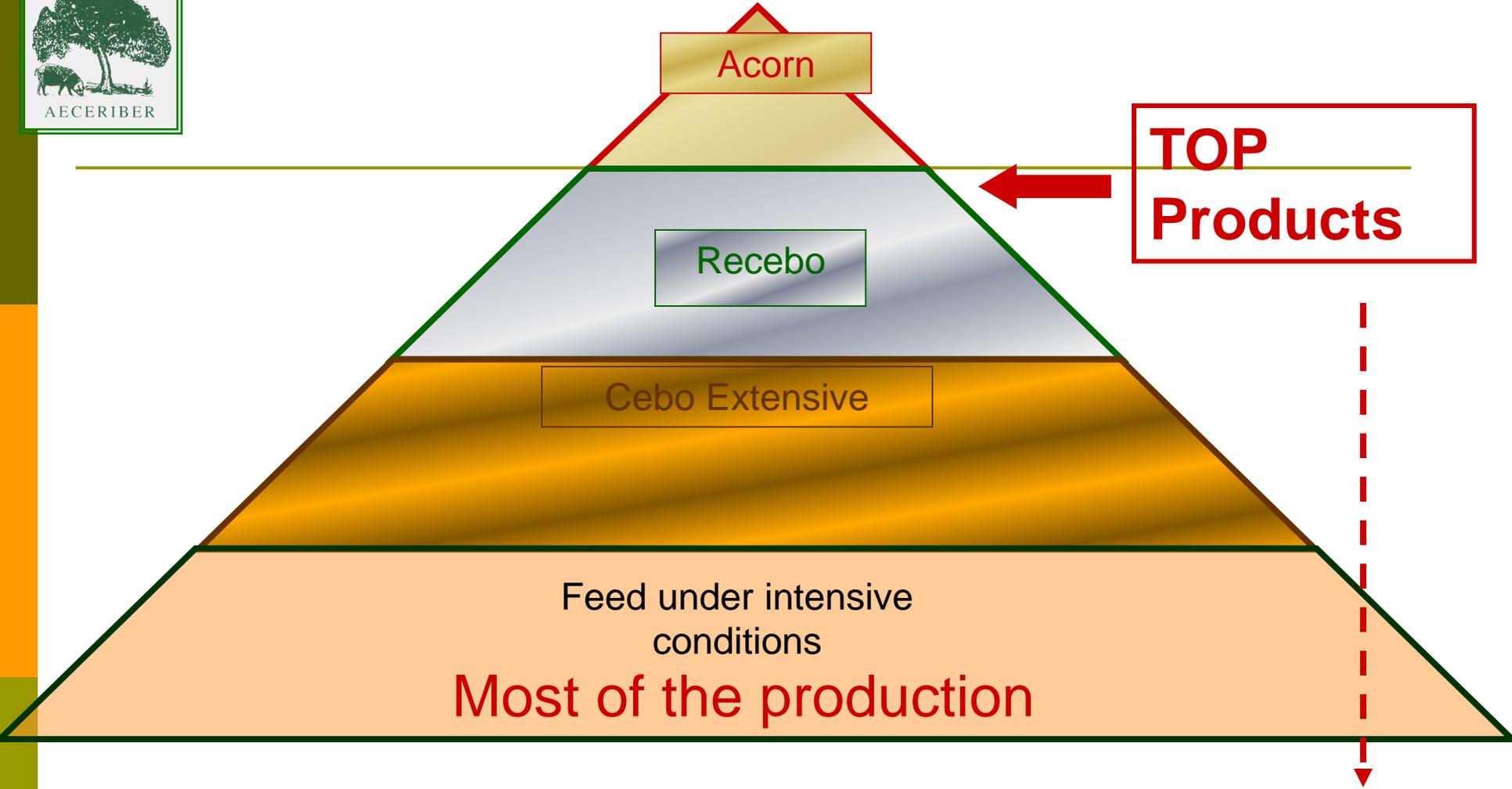
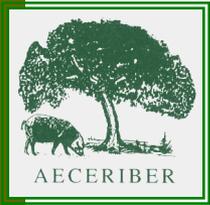


# LEVELS OF QUALITY



REAL DECRETO 1469/2007 , de 2 de noviembre por el que se aprueba la norma de calidad para la carne, el jamón, la paleta y la caña de lomo ibéricos





Acorn

**TOP  
Products**

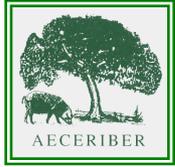
Recebo

Cebo Extensive

Feed under intensive  
conditions

**Most of the production**







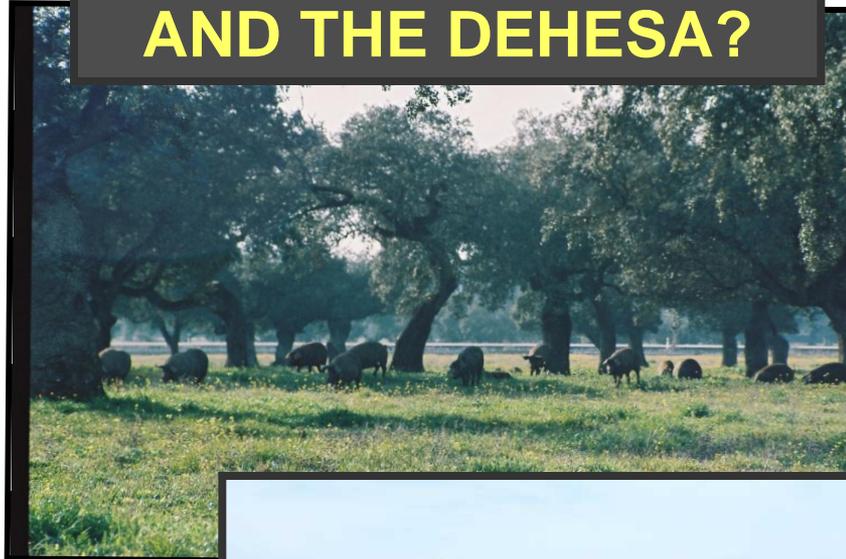
# SPECIAL ACTIONS

## THE DEHESA



CERDO IBÉRICO PURO DE BELLOTA

## AND THE DEHESA?



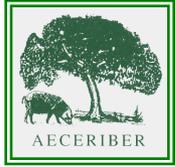


# STRENGTHS



- **Quality and image.**
- **Their products are high in unsaturated fatty acids and are of excellent eating quality**
- **Increase of global trade relations.**



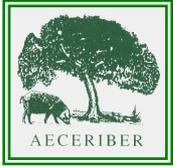


# WEAKNESS



- Overproduction without internal or external markets guaranteed.
- Rapid development of the sector (high percentage of animals has been fed with fodder but never with acorn), sometimes, without adequate consumer information.
- Health problems.
- Sectorial structure (fragmented).





# NEW CHALLENGES AND FUTURE DEVELOPMENTS

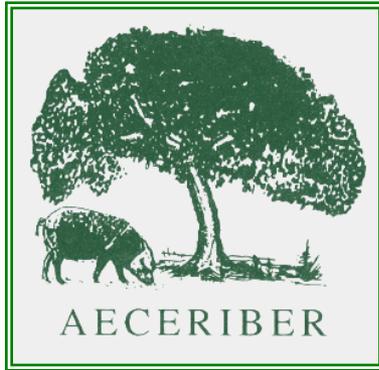


- Crisis = Opportunity.
- It is needed a sound reorganization of the sector, in general, and of the extensive farming systems, in particular.
- The entire sector (farmers and industry) should set up a new strategy to market demands (national and international) carrying out new reforms and investment.
- More training and awareness.



**IN ADITTION TO IMPROVE QUALITY  
PROCESS, WE NEED PARALELLY  
TO EXTEND THE ACTIVITIES**





**Thank you for  
your attention!**

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