The contemporary use of ornamental poultry racial diversity and variability

Modul no. 4: Precision Livestock Farming

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Lecture content

- Classification of poultry breeds
 - Characterization of ornamental breeds
 - Selected breeds description





Classification of poultry breeds

- Laying breeds
 - Meat breeds

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Dual-purpose breeds
Ornamental breeds

- Eggs production
- Meat production
- Eggs and meat production
- Material benefit is not important



Ornamental poultry

- Ornamental breeds are the result of a combination of different breeds and their special appearance, which is hereditary.
 - Low productivity

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- plumage, feathers
- beard, comb, wattles,
- feathered feet...



These traits are determined by several genes (e.g. KRT75, HOXC8)





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Frizzle Chicken

- Curled or frizzled plumage
 - not all individuals the gene for the curling of the feathers is incompletely dominant over normal plumage,
 - most commonly found in the following breeds: Polish, Cochin, Plymouth Rock, Japanese and Silkies
 - Color variants black, blue, cuckoo and white.











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Selected ornamental poultry breeds



Silkie Chicken

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- One of the most popular and beloved.
 - Atypically fluffy plumage to feel like silk and satin.
 - Unusual qualities: black skin and bones, blue earlobes and five toes on each foot.

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• Calm and friendly temperament.







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Wyandotte Chicken

- Breed kept for its brown eggs and its yellow-skinned meat.
 - Many color variants
 - USA black, blue, buff, Columbian, golden laced, partridge, silver laced, silver penciled and white,
 - Europe black, blue, blue-laced, blue partridge, buff, buff-laced, Columbian, gold-laced, partridge, red, silver-laced, silver-pencilled and white.









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Barbu d'Uccle Chicken

- Belgian breed of bearded bantam chicken.
 - A full beard and a muff.

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• The legs are heavily feathered.



• 28 colour varieties - blue, blue quail, cuckoo, millefleur, porcelain, lavender, lavender quail, black, black mottled, silver quail, quail, and white....

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Faverolles Chicken

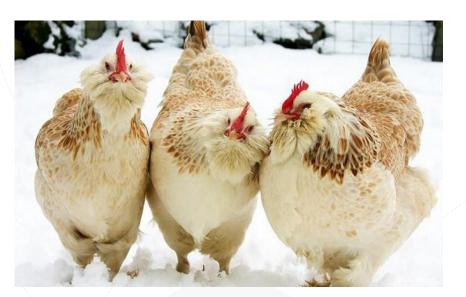
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- There are 3 types of Faverolles hens: the French, the English, and the German which are distinguished by the color of their plumage, the Salmon Faverolles became the most popular until today.
- Faverolles are classified as a heavy breed and have a beard, muffs, feathered feet and five toes per foot.
- Because of their gentleness Faverolles have become a popular breed of chicken to keep as a pet, especially for children.









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Sebright Chicken

- British miniature breed.
- Two colour variants are recognised gold and silver, both with fancy laced feathers, which are tight, rounded, and edged with black.
- They are active and independent chickens, but are still friendly and kind.



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Phoenix Chicken

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- German, long-tailed chicken created as a crossbreed from Japanese birds (Onagadori).
- Only roosters have the long tails.
- The breed is docile, but tends to be aloof.











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Brahma Chicken

- Developed in the United States from birds imported from the Chinese port of Shanghai, was the principal American meat breed until about 1930.
 - 3 color varieties are recognized light, dark, and buff.





Hamburg Chicken

- Originated in Holland or Germany.
- Small to medium-sized breed.
- 11 different colour varieties: silver-spangled, gold-spangled, gold-pencilled, citron-pencilled, silver-pencilled, white, black and citron-spangled.
- The nature of the breed is one of great activity and alertness, and they are sometimes considered flighty –not a good choice as pets for children.









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Polish Chicken

- European breed of crested chickens remarkable crest of feathers.
 - Medium-sized breed.

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- Variety of colors, the most common varieties are white, cream, and black.
- Polish chickens are active and curious but can also be quite timid.









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Cochin chicken

- Large breed derived from chickens brought from China to Europe and North America.
 - The excessive plumage that covers leg and foot.
- The recognized colors are buff, black, cinnamon, grouse, lemon, partridge, silver buff, silver cinnamon, and white.









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