

## BĂLȚATĂ CU NEGRU ROMÂNEASCĂ CATTLE (ROMANIA)

### Bălțată cu negru românească cow



**Origin:** Breed was formed based on Holstein Friesian cattle introduced in Romania starting with 1961, from Canada, England and Poland and after that from Denmark, Holland, Germany, USA, Sweden in the period from 1967 till 1978. The bulls which helped at formation are from Denmark and Holland. Formation of BNR breed was based on a cross-breeding process of absorption type of the local breeds Roșie dobrogeană, Brună, Bălțată românească, Pinzgau. Population was homologated as breed in 1987 (O.M. nr. 125/1987), under the name of „Bălțată cu negru românească” (BNR) and could not be confused with any other type of Friesian breed because have a tendency of reproductive isolation and an own evaluative way. Nowadays, biological material belonging to BNR breed keep a genetical similarity of 8 % with substituted breeds and 92 % with the breeds which participate at absorption cross-breedings. Spreading area is large, occupying, mainly the plain area from South-East and South of Romania, respectively the lower and hilly areas from North-East of Romania.

**Characteristics:** Breed is similar as external aspect and features with the cattle from Friesian type, of origin, but differs by some essential characters. Corporal development is eumetric, in average the waist at cows is 131 cm and live weight of 580-600 kg, oblique length of torso 149.15-159.58 cm, thoracic perimeter 198.75-212.36 cm. At external have a slim appearance, constitution is fine compact and a lively temperament. Head is quite large, with a long and thin face area, profile is straight, excepting

### Bălțată cu negru românească bull



forehead region, which, due to well developed orbital arcades gives it a concave shape.

Members have a compact structure, udder is developed, well attached, extending far before

abdomen and backwards. Have a globular shape, nipples are quite long, symmetrical and well apart, udder defects being less obvious than at the rest of local breeds. The skin colour is spotted black and white, white and black spots having a random spreading on torso.

**Productions:** Breed has good skills for milk production, providing per lactation 4700 kg, with 3.85 % fat and 3.35 % protein. Good skills for milk are enlightened also by the milking speed of over 1.8 kg/min, index for milk – 45 %, constant index – 80 % and feed consumption 1.07-1.17 UNL/kg milk.

For meat production behaves also well. Youth intensive fattening realise an average daily gain of around 900 g, with a specific consumption of around 7.46 UNC and at the semi-intensive one 7.7-8.5 UNC for a kg gain in weight. Efficiency is in average of 52-54 %. Sensorial qualities of meat are inferior to Bălțată românească and Brună breeds.

Breed is suitable for an intensive-industrial exploitation both for milk and meat production. But require appropriate conditions for rearing and exploitation.

In future, BNR will be the main provider for milk in Romania.

**Population's number:** The actual number is 537.301 heads which represents around 35 % from the total number of cattle in Romania.