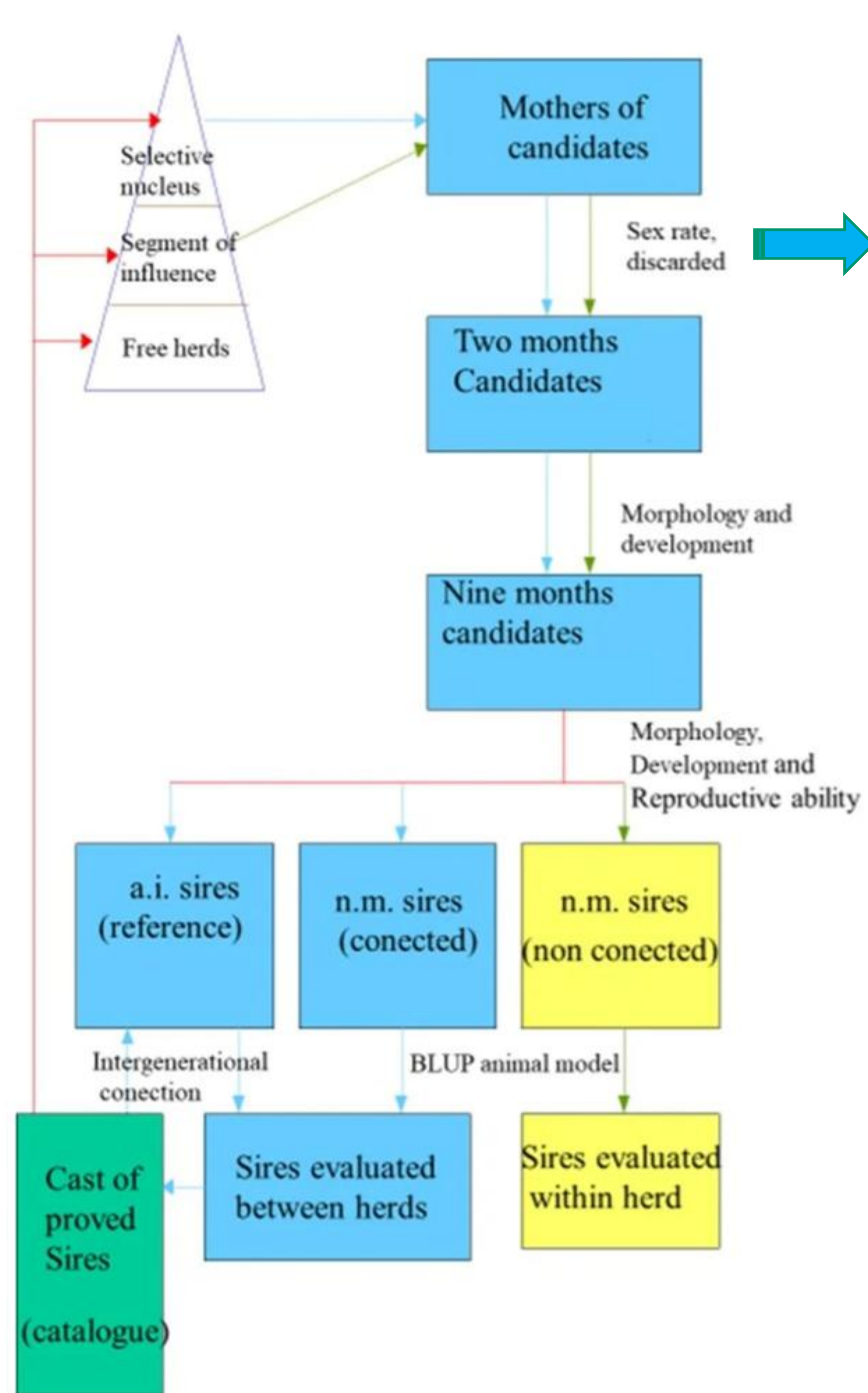


BREEDING PROGRAM OF THE MURCIANO-GRANADINA DAIRY GOAT BREED (CAPRIGRAN)

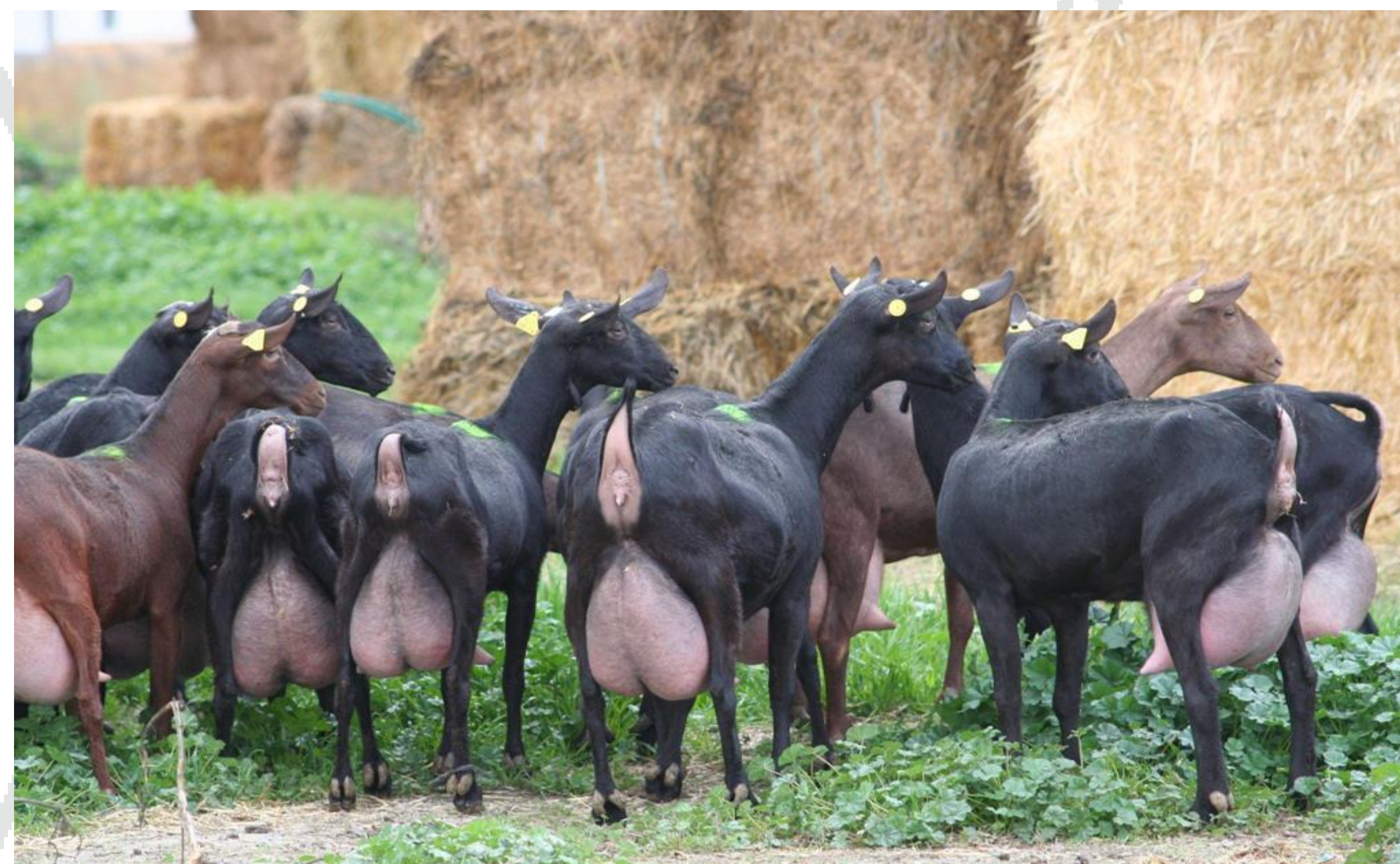


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BREEDING SCHEME



Animals:
Chlamydia spp. Free
Q Fever free
Mycoplasma agalactiae free
Paratuberculosis free
Herds of provenance:
C3: Officially tuberculosis-free
Officially Scrapie-free
M4: Brucella-free



BREEDING DATA: MILK, FAT AND PROTEIN

In the genetic evaluation developed via animal model with repeated observations, a productive archive consisting of 212,928 lactations ended and standardized to 210 days of duration was used, and which were recorded on 67,361 goats (average of 3.16 lactations per animal). Animals included in the kinship matrix set out:

- 54,144 with complete information of father and mother and certified with DNA.
- 8,066 animals had only confirmed father with DNA.
- 3,948 only their mother confirmed by DNA 144 livestock analysis were included.

A total of 82,156 animals were evaluated in the kinship matrix.

BREEDING DATA: LINEAL ASSESMENT

For the genetic evaluation of morphological characters in 2022, a univariate simple animal model was used by using the MTDFREML computer package (Boldman et al., 1995). A total of 773,725 observations whose different variables measured in linear scale (1 to 9) was used 82 herds were included in this evaluation that were genetically connected. A total of 82,156 animals were evaluated in the kinship matrix.

Carácter	Observaciones
ESTRUCTURE AND CAPACITY	
Height	46.278
Chest width	46.277
Body depth	46.279
Rump width	46.278
Rump angle	46.278
DAIRY ESTRUCTURE	
Angulosity	46.279
Bone quality	46.277
MAMMARY SYSTEM	
Udder anterior insertion	44.423
High insertion height	44.424
Medium upper ligament	44.427
Udder width	44.426
Udder depth	44.423
Nipples placement	44.423
Nipples diameter	44.425
LEGS AND FEETS	
Legs posterior view	46.274
Legs side view	46.272
Mobility	46.262
TOTAL CONTROLS	773.725

SUMMARY OF GENETIC COMMERCIALIZATION

2019- FIRST QUARTER OF 2023	
TOTAL COMERCIALIZED SEMINAL DOSES	11468
EXPORTED SEMINAL DOSES	7352
SEMINAL DOSES COMERCIALIZED IN SPAIN	4116
SEMINAL DOSES USED IN ARTIFICIAL INSEMINATION OF CAPRIGRAN MEMBERS	15073
SEMINAL DOSES STORED IN THE CENTER OF SELECTION AND IMPROVEMENT OF THE ANDALUSIAN CAPRINE	10692
TOTAL STORED SEMINAL DOSES	14752
DONNOR SIRES	90
NATIONAL COMMERCE OF SELECTED ANIMALS	8240
EXPORTATION OF SELECTED ANIMALS	2600

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