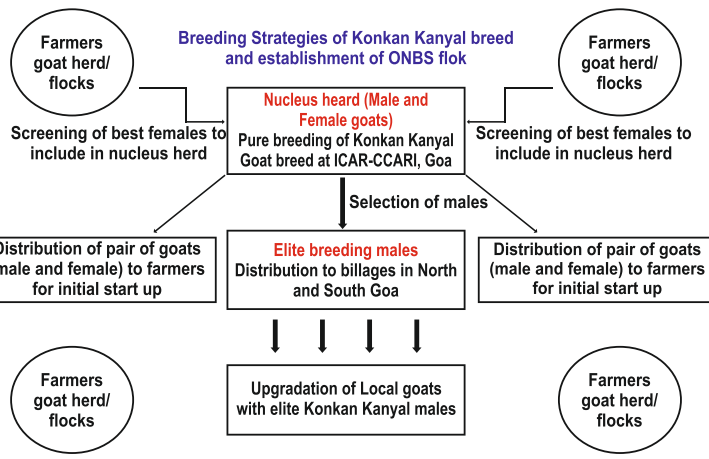


Importance of konkan kanyal goats for breeding

- The local and nondescript goats can be upgraded by introducing superior male goats of Konkani Kanyal goat breeds in the farmer's field.
- Alternatively, AI technique can be popularized by using semen from superior male Konkani kanyal goats.
- Establishment of ONBS (Open Nucleus Breeding System) /Konkani kanyal breeding stock: Konkani Kanyal breeds can be a good source of genetic material which can be utilized through establishment of breeding centers (ONBS) or flocks for conservation and multiplication to meet the demand of breeding stock.



Mulberry feeding



Browsing behaviour



Breeding Bucks



Authors:

Dr Shivasharanappa N
Scientist, Veterinary Pathology
Dr. E.B. Chakurkar
Director (A)

For details please contact

Director

ICAR-Central Coastal Agricultural Research Institute,
Old Goa-403402
North Goa, Goa
Phone: 0832 2284677/78/79 (O)
Fax: 0832 2285649
Email: director.ccari@icar.gov.in
Website: www.icargoa.res.in

KONKAN KANYAL GOAT: A PRIDE BREED OF WEST COASTAL INDIA

Shivasharanappa N
E.B. Chakurkar



ICAR-Central Coastal Agricultural Research Institute

(Indian Council of Agricultural Research)

Old Goa, North Goa - 403402, Goa



Origin and adaptability

Konkan Kanyal goat is a meat type breed adapted to high rainfall and hot and humid climate of west coastal region. Found in the ghat regions viz. Bicholim, Pernem, Satari, Quepem and Canacona Talukas of Goa.



Morphological features:

- Both male and female goats are medium to large sized, predominantly black coat with a typical white/brown band on face, collar, lower jaw and extending to ventral body surface.
- Ears are black with white margin, flat open, long drooping.
- Horns are straight and pointed backwards. Forehead is flat & broad, black in colour.

Production/Economic traits

Body weight gain under semi intensive rearing systems

Body weight (kg)	Male	female
Birth weight	3-3.5	2.5-2.8
one month	6-8	5-6
two months	9-12	8-11
3 months	15-16	13-14
6 months	28-32	26-28
8 months	33-36	32-35
10 months	38-43	33-36
12 months	44-45	35-39
2 years	46-48	42-43
4 years	59-64	42-44

Economic traits/features

Twinning	66-80%
Triplets	20-30%
Age at sexual maturity	7-8 months
Age at first kidding	17-18 months
Avg. milk yield	0.5-0.6 L/day (3 M lactation period)
Dressing	65-70%
Oestrus cycle	18-21 days
Oestrus period	24-36 hours
Gestation period	145-152 days (5 m 5 days)

Physiological parameters

Rectal temperature	38.4°C-39.0°C (101°F)
Respiration rate	25-35
Blood parameters	
Haemoglobin (g/dl)	8-12 (10)
RBC (x10 ⁶ /μl)	8-18 (13)
WBC (x10 ³ /μl)	4-13 (9)
Platelets(x10 ⁵ /μl)	3.0-6.0
PCV (%)	22-38 (28)



Goat Kids with white & brown variants



Triplets



Breeding Buck



Pregnant female



Twin Goat kids