



# DEPARTMENT OF LIVESTOCK PRODUCTION MANAGEMENT



## BREEDS OF GOAT



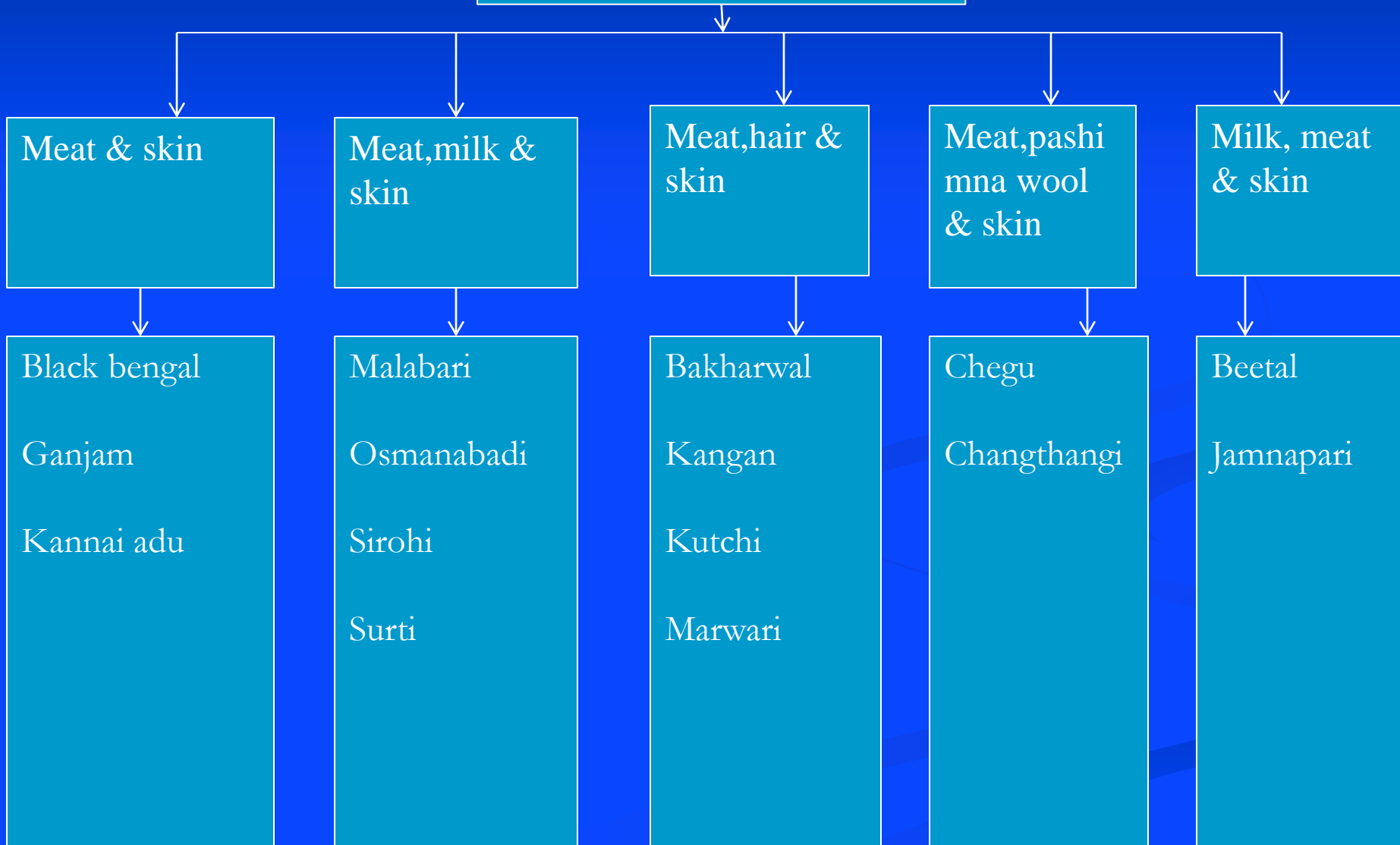
# Indian Breeds of Goats

- The scientific name of domestic goat is Capra hircus
- India having 34 breeds of goat.
- Class – Mammalia
- Order – Artidactyla
- Family – Bovidae
- Genus - Capra
- Species – hircus



- On the basis of body weight, goat breeds in India can be broadly classified as
  - Large Sized : Jamunapuri, Beetal, Jhakarana
  - Medium Sized : Sirohi, Marwari, Zalawari, Kutchi, Surti, Sangamneri, Osmanabadi, Gaddi, Ganjam, Chegu
  - Small Sized: Bengal types, Assam hill goat

# Classification of goat acc. to utility



# Classification of Goat According to regions

## Northern Temperate Himalayan Regions Breeds (Jammu & Kashmir, HP)

1. Changthangi
2. Chegu
3. Gaddi

## North Western, central arid & Semi arid Region and Breeds (Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- |               |             |
|---------------|-------------|
| 1. Jamunapari | 6. Mehsana  |
| 2. Barbari    | 7. Zalawari |
| 3. Beetal.    | 8. Berari   |
| 4. Marwari    | 9. Jhakna   |
| 5. Sirohi     | 10. Surti   |
|               | 11. kutchi  |

## Southern Region Breeds (Maharashtra, Kerala, AP, TN, Karnataka)

1. Osmanabadi
2. Malawari
3. Sangamneri
4. Kannai Adu
5. Kodi adu

## Eastern Region Breeds (WB, Orisa, Assam, Meghalaya, mizoram, Sikkim)

1. Black Bengal
2. Ganjam
3. Assam Hill

# ■ Indigenous Breeds of goat in India

1. Attapady
2. Barbari
3. Beetal
4. Black bengal
5. Changthangi
6. Chegu
7. Gaddi
8. Gangam
9. Gohilwadi
10. Jakhrana
11. Jamunapuri
12. Kanniadu
13. Kutchi
14. Malabari
15. Mehasana
16. Marwari
17. Osmanabadi
18. Sangamneri
19. Sirohi
20. Surti
21. Zalawadi
22. Konkan kanyal
23. Berari
24. Pantja
25. Teressa
26. Kodi adu
27. Salemblack
28. Sumine
29. Kahmi
30. Rohilkhandi
31. Assam hill
32. Bidri
33. Nandi durga
34. Bhakarwali

# Registered Breeds of Goat in India

Attapady Black



Barbari



Beetal



Berari



Black Bengal



Changthangi



Chegu



Gaddi



Ganjam



Gohilwadi



Jakhrana



Jamunapari



Kanni-adu



Konkan-Kanyal



Kutchi



Malabari



Marwari



Mehsana



Osmanabadi



Sangamneri



Sirohi



Surti



Zalawadi



# Northern Temperate Himalayan Region (J & K, HP)

- Breed: Chegu
- Home tract - Himachal Pradesh.
- Characteristics : Coat colour is usually white with grayish red, ear small, Horns are bent upwards and backwards with one and more twist.
- Utility : Pashmina yield 110 g, good meat and little amount of milk/day .





# Northern Temperate Himalayan Region (J & K, HP)

- Breed: Gaddi
- Home tract : Himachal Pradesh.
- Characteristics : white but grey and red too occur, prominent and alert eyes and roman nose, drooping and pointed ears, Horns are long, pointed, long hairs.
- Utility : Use for hair & meat ,yield of fleece per clip  $\frac{1}{2}$  to 1 kg , milk yield 500 g. per day.



# Northern Temperate Himalayan Region ( J & K, HP)

- Breed: Changthangi
- Home tract : Laddakh, Lahaul valleys.
- Characteristics : Small sized, white in colour , ears are long & pendulous, coarse hair
- Utility: Pashmina yield/goat, 25 -50 gm/year..



# North Western, central arid & Semi arid

**Region** ( Punjab , Hariyana & Western part of UP )

- **Breed**: Jamunapari
- **Home tract** : Between Jamuna and Chambal rivers (Etawah)
- **Characteristics** : Large sized , long legs , pendulous ears , roman nose, long hair on hocks, .
- **Utility** : Dual purpose (Milk and meat),



# North Western, central arid & Semi arid Region

(Punjab, Haryana, Rajasthan, Gujarat, MP, West UP)

- Breed: Barbari
- Home tract : Agra, Etawah, Mathura, Aligarh etc
- Characteristics : Wedge shape, straight facial line , white with tan spots.
- Utility: Dual purpose breed , Suitable for stall feeding, Prolific breeder.



# North Western, central arid & Semi arid Region (Punjab, Haryana, Rajasthan, Gujarat, MP, West UP)

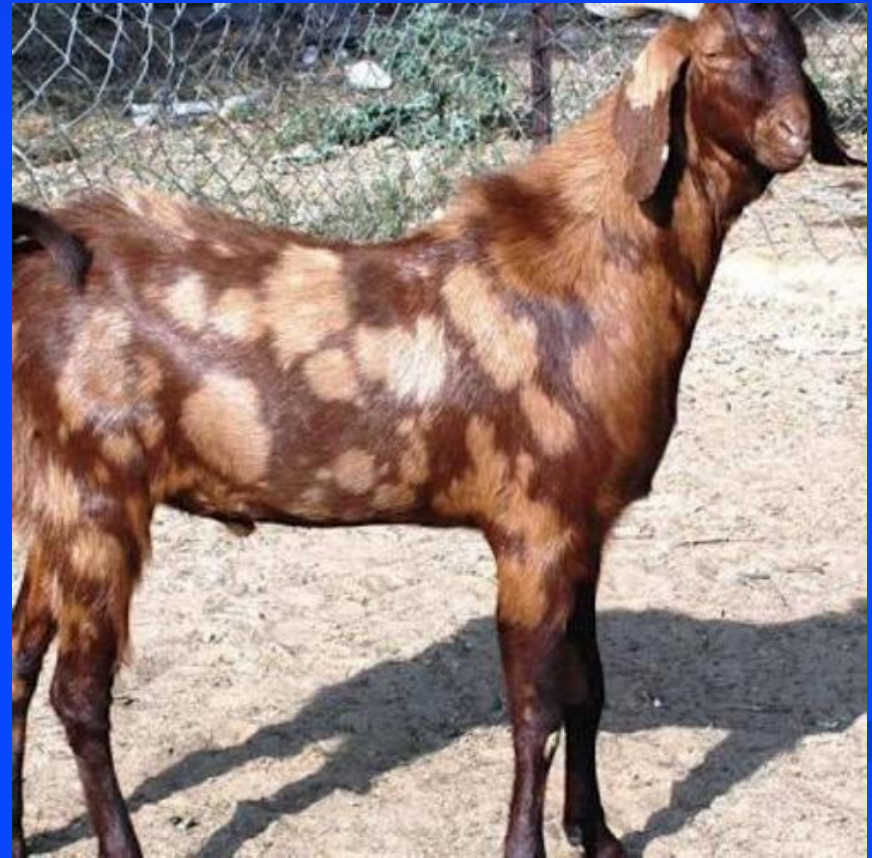
- Breed: Beetal ( Amritsari)
- Home tract :Punjab & Haryana.
- Characteristics: Resembles jamunapari but small in size , red or black tan spotted with white.
- Utility: Dual purpose breed.



# North Western, central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Sirohi
- Home tract : Sirohi , Ajmer, Rajasthan, Gujrat
- Characteristics : Colour- radish brown and spotted , body covered with dense coarse short hair, long lobe ears,
- Utility: mainly for meat purpose.



# North Western, Central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Jhakrana
- Home tract : Rajasthan.
- Characteristics : Colour-black, white silver spot present on the ear.
- Utility: Dual purpose breed.



# North Western, central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Marwari
- Home tract : Rajasthan.
- Characteristics : Colour- black, long shaggy hairs that is jet black, skin grayish red.
- Utility: milk and meat purpose breed, lactation milk yield 92 kg.





# North Western, central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Kutchi
- Home tract :Gujarat, and Southern Rajasthan .
- Characteristics : Colour- black coat and long hairs, horns cork screw type.
- Utility : mainly meat purpose breed and also milk and hair purpose breed



# North Western, central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Mehsana
- Home tract :Gujarat.
- Characteristics : greyish black colour white ear leaf like with black spot.
- Utility : Dual purpose breed.



# North Western, central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Zalawadi
- Home tract :Gujarat, Rajasthan.
- Characteristics :Coat colour is black with white spots, skin pinkish.
- Utility : Meat and milk purpose breed, lactation yield 154 kg in 150 days.



# North Western, central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Gohilwadi
- Home tract :Gujarat.
- Characteristics : **black coarse and long hairs, ears are tubular and drooping.**
- Utility : Dual purpose breed,



# North Western, central arid & Semi arid Region

(Punjab, Hariyana, Rajasthan, Gujrat, MP, West UP)

- Breed: Surti
- Home tract : Gujarat.
- Characteristics : coat colour is white with well developed udder and large conical teats.
- Utility : mainly milk purpose breed,



# Southern Region ( Maharashtra, Kerala, AP, TN, Karnataka)

- Breed: Osmanabadi
- Home tract : Osmanabad (Maharashtra)
- Characteristics : mostly black in colour, males are horned, 50% of females have horns.
- Utility: Mostly raised for meat.



# **Southern Region** ( Maharashtra, Kerala, AP, TN, Karnataka)

Breed: Sangamneri

Home tract : Poona &  
Ahmednagar ( Maharashtra).

Characteristics : They have  
highly variable colour like  
white, black or brown. Horn are  
backward directed.

Utility: Mostly raised for meat.



# Southern Region (Maharashtra, Kerala, AP, TN, Karnataka)

- Breed: Konkan Kanyal
- Home tract : Maharashtra
- Characteristics : **Black white marking on collar and lower jaw, ventral surface is white and muzzle is white and half moon type.**
- Utility: Meat purpose.





# Southern Region (Maharashtra, Kerala, AP, TN, Karnataka)

- Breed: Malabari
- Home tract : Kerala
- Characteristics : Various coat colour completely black and completely white, twisted horn.
- Utility: Milk and meat purpose breed,



# Southern Region ( Maharashtra, Kerala, AP, TN, Karnataka)

- Breed: kanniadu
- Home tract :Tamilnadu
- Characteristics : colour black with raddish brown colour on either side of face and under belly and inner side of leg.
- Utility: Milk and meat purpose breed,



# Southern Region (Maharashtra, Kerala, AP, TN, Karnataka)

- Breed: Kodi adu
- Home tract :Tamilnadu
- Characteristics : white in colour with splashes of black or red colour.
- Utility: Milk and meat purpose breed,



# Eastern Region (WB, Orissa, Assam, Meghalaya, Mizoram, Sikkim)

- Breed: Black Bengal
- Home tract : Westbengal, Assam
- Characteristics : colour is black & brown. Hair coat is short and soft. Legs are short, straight back, **Most prolific among Indian breeds.**
- Utility: Meat purpose breed.



Black Bengal Buck Solid black

# Eastern Region (WB, Orissa, Assam, Meghalaya, Mizoram, Sikkim)

- Breed: Ganjam
- Home tract :Orissa
- Characteristics : colour is black, brown & grey. Long and backward horn .Hair is short , ear medium sized, Beard is often lacking in does.
- Utility: Mainly Meat purpose breed.



# Eastern Region (WB, Orissa, Assam, Meghalaya, Mizoram, Sikkim)

- Breed: Assam hill
- Home tract : Assam and meghalaya
- Characteristics : White grey colour, short legged, longer body,
- Utility: Mainly Meat purpose breed.



# Exotic Breeds of Goats

- Breed: Alpine
- Home tract : France
- Characteristics : perky ears, variable colours, such as black, white, or any combination.
- Utility: 0.9-1.3 kg milk/day.



# Exotic Breeds of Goats

- Breed: Nubian
- Home tract : Sudan (England)
- Characteristics : Colour varies from white to black & red combination long pendulous ears. .
- Utility: 0.8-1.3 kg milk/day.





# Exotic Breeds of Goats

- Breed: Saanen
- Home tract : Switzerland
- Characteristics : white, large in size with upright ears, Large udder. Males are horned but females are hornless.
- Utility: Heavy milk producers, 2-3Kg milk/day



# Exotic Breeds of Goats

- Breed: Toggenberg
- Home tract : Originated in Switzerland
- Characteristics : They are medium in size with upright ears, coloring is varying from a light fawn to dark chocolate, with distinctive and specific white markings..
- Utility: Milk yield per day is 1Kg.



# Exotic Breeds of Goats

- Breed: Angora
- Home tract : Turkish
- Characteristics : Medium sized breed that grow long fur coats, known as mohair. Legs are much shorter, Head is small, ears flat pointed Tail is short and erect.
- Utility: Have beautiful fleece, *Mohair* is of fine texture.



# Exotic Breeds of Goats

- Breed: Boer
- Home tract : South Africa
- Characteristics : white bodies and distinctive brown heads. It is a horned breed with lop ears.
- Utility: Meat goat





Thank you!

