

Animal Genetic Resources in Adilabad



Osmanabadi Goat



Red combed assel



Nellore Ram



Ongole Cow



Ongole Bull



Konkan Kanyal Goat

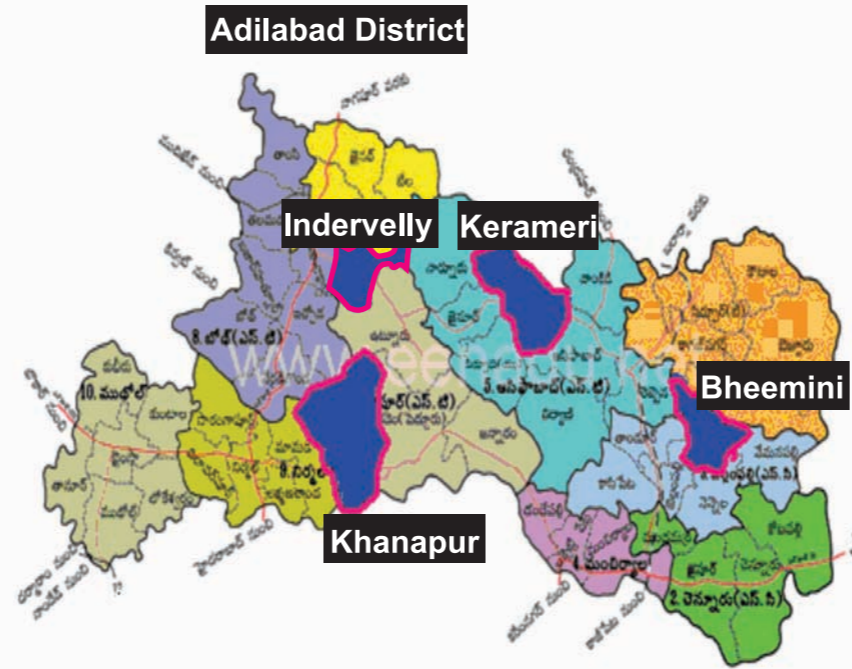


Jersey Cross



Ongole Calf

Targeted villages in Adilabad			
Keramari	Bheemini	Khanapur	Indervelly
1. Hatti	1. Bheemini	1. Sattenpalli	1. Gaurapur
2. Goyagaon	2. Rampur	2. Itkal	2. Ginera
3. Jhari	3. Polampally	3. Pemi	3. Walgonda
4. Dhanura	4. Muttapur	4. Gangapur	4. Mallapur
5. Devapur	5. Egaon	5. Tarlapadu	5. Darmasagar



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**A. P. State Biodiversity Board
 Hyderabad**

**Harmonizing Biodiversity Conservation and
 Agricultural intensification through integration
 of plant, animal and fish genetic resources for
 livelihood security in fragile ecosystem.**

ADILABAD DISTRICT



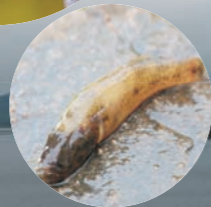
LEAD CONSORTIUM
 National Bureau of Plant Genetic Resources
 Indian Council of Agricultural Research
 New Delhi-110 012.

Adilabad Centre Fish genetic Resources

- Propagation of new indigenous species (carps/ catfish/murrel/featherback) for aquaculture, ornamental trade and conservation
- Use of derelict water bodies for aquaculture enhancement.
- Propagation of indigenous species such as Kalbasu and magur (*Labeo calbasu*, minor carps, *Clarias batrachus*)
- Use of derelict water bodies for aquaculture and fish culture in micro watersheds.
- Intensive fish culture practices in micro watersheds.
- Integrated aquaculture (fish and prawn) with agriculture, livestock and poultry.

Local Fish Species of Adilabad District

1. *Channa punctatus*
2. *Mystus aor*
3. *Puntius puntius*
4. *Ompak maculatus*
5. *Xentodon canchilla*
6. *Notopterus notopterus*
7. *Mastas cembulus*
8. *Wallago attu*
9. *L. calbasu*
10. *Mystus singala*
11. *Notopterus chitala*



Adilabad Centre Animal genetic Resources

- Genetic up-gradation of local livestock through use of superior germplasm of indigenous livestock (Gaddi sheep, Gaddi goat, local cattle (mudhole breed) & buffalo)
- Health coverage through prophylactic vaccination (Foot and Mouth, Haemorrhagic septicaemia, Pestis de petits ruminants) and deworming
- Improved breeding and housing management practices for livestock and poultry for enhancing productivity and quality of milk and other animal products
- Nutrient enrichment of locally available crop residues (paddy, sorghum, maize, black gram and green gram) for balanced feeding of livestock
- Post harvest processing for value addition and marketing of milk and other animal products

Species:

1. Ongole bull
2. Jersey
3. Red kandhari Mudhole
4. Holstain Friestian cross
5. Jafrabadi
6. Murrah Buffalo
7. Osmanabadi Goat
8. Konkankanyal Goat
9. Nellore ram Sheep
10. Red Combed Assel



Functions of A.P. State Biodiversity Board.

1. Advise the Government on matters relating to conservation of biodiversity, sustainable use and benefit sharing.
2. Regulation of commercial utilization and bio-survey.
3. Perform necessary functions to implement Biodiversity Act 2002.

Programs implemented by A. P. State Biodiversity Board

1. In situ conservation of biological diversity through the
 - a) Biological heritage sites
 - b) Biological diversity parks and medicinal plants conservation areas in the different parts of the state.
2. Ex situ conservation of-
 - a) Establishing "crop diversity parks" for important crop species.
 - b) Establishment of herbal gardens and maintenance of sacred groves in the temple.
3. Preparation of Peoples Biodiversity Registers (PBR) for each Gramsabha in the state.
4. Formation of Biodiversity Management Committees in the State.
5. Under the project 20 BMCs are under formation.
6. Quarterly Biodiversity News letter.

Expert Committees

Andhra Pradesh State Biodiversity Board has formed expert committees to give suggestions on various issues where in decisions are to be taken by the Board. (rule 12) Expert committees formed on following subjects.

1. Agribiodiversity,
2. Animal and fish biodiversity,
3. Wildlife Conservation and protection
4. Traditional knowledge associated with medicinal Plants, conservation and Bio-prospecting.
5. Legal matters relating to IPR
6. Awareness and Capacity Building
7. Declaration of biological Heritage sites

Three Tier Biodiversity Management

1. Biodiversity committee (Gram panchayat) at village level.
2. State Biodiversity Board at state level.
3. National Biodiversity Authority at National Level.