

## Study Meta Data

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study ID        | IAPD-PST-002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Study Title     | Body weight growth record in Rohilkhandi goats from birth to 48 months of age                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project         | Exploring genetic variability and its association with growth traits in Rohilkhandi goats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Description     | Longitudinal body weight measurements in 50 female Rohilkhandi goats, a medium-sized indigenous breed native to the Rohilkhand region of Uttar Pradesh and recognised by NBAGR in 2018. All animals were aged four years or older and maintained at the Sheep and Goat Farm, Livestock Production and Management Section, ICAR-Indian Veterinary Research Institute, Izatnagar, Uttar Pradesh. Body weight was recorded from long-term farm records at 17 age points, from birth through 48 months of age at 3-month intervals. Mean body weight increased from 2.17 kg at birth to 28.55 kg at 48 months. The dataset provides a consistent single-herd record of the growth trajectory in this breed. |
| Type            | longitudinal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Start Date      | 2017-01-17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| End Date        | 2020-01-17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Location        | Izatnagar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Longitude       | 79.420188                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Latitude        | 28.388607                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Custom Location | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Temperature     | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Humidity        | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Created At      | 2026-06-17 08:32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Download Count  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Authors

| Name         | Organization                                                                  | Designation            | Email            |
|--------------|-------------------------------------------------------------------------------|------------------------|------------------|
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## Traits

| Trait Type  | Meta Trait   | Tissue     | Stage             | Method (Ontology)                        |
|-------------|--------------|------------|-------------------|------------------------------------------|
| Body Weight | growth trait | Whole body | Birth             | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | whole body | 3 month old stage | Average weight gain in kg (NA)           |
| Body Weight | growth trait | Whole body | 6 month-old stage | Average weight gain in kg (METHOD:04946) |

## Study Meta Data

|             |              |            |                    |                                          |
|-------------|--------------|------------|--------------------|------------------------------------------|
| Body Weight | growth trait | Whole body | 9 month-old stage  | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 12 month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 15 month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 18 month-old stage | Average weight gain in kg (NA)           |
| Body Weight | growth trait | Whole body | 21-month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 24-month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 27-month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 30-month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 33-month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 36-month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 39-old-month stage | Average weight gain in kg (NA)           |
| Body Weight | growth trait | Whole body | 42-month-old stage | Average weight gain in kg (METHOD:04946) |
| Body Weight | growth trait | Whole body | 45-month-old stage | Average weight gain in kg (NA)           |
| Body Weight | growth trait | Whole body | 48-month-old stage | Average weight gain in kg (NA)           |