

# UGANDA CLIMATE SMART AGRICULTURAL TRANSFORMATION PROJECT (UCSATP)

## SPECIFICATIONS FOR HIGH-GRADE IN-CALF JERSEY HEIFER (IMPORTED)



### 1. General Identification

- **Breed:** Jersey of at least 87.5% genetic purity (high-grade).
- **Age:** 18–24 months.
- **Identification:** RFID Ear-tagged, or microchip, with traceable pedigree (sire, dam, AI or embryo transfer details).
- **Hide Color:** Fawn, brown, light grey, dull black, or white patches often with a darker muzzle, hooves, and black tail switch.
- **Muzzle Color:** Black muzzle surrounded by a light-coloured ring.
- **Face Appearance:** Slightly dished (concave) face, with prominent eyes and medium-sized erect ears.

### 2. Physical and Conformation Attributes

- **Live Body Weight:** 270–350 kg.
- **Frame & Structure:**
  - Straight topline, well-balanced frame.
  - Body length: 145–155 cm (shoulder to hip).
  - Expanded barrel and sprung ribs typical of mid-pregnancy.
  - Level back, strong rump with adequate width.
  - Height at withers: 120–130 cm.
- **Legs & Feet/Hooves:**
  - Strong pasterns, sound hooves, free from lameness.
  - Medium leg length (50–60 cm hip to hoof).
  - Straight legs with moderate hock angle (150–155°).
  - Hoof size: 10–12 cm long × 8–10 cm wide.
- **Udder & Teats:**
  - Well-developed udder with four evenly spaced teats.
  - Strong suspensory ligament.
  - Cylindrical teats with slightly rounded tips, no deformities.

### 3. Reproductive / Physiological Specifications

- **Pregnancy Stage:** Minimum 2 months and not more than 6 months in-calf, preferably bred by AI, embryo transfer, or a proven Jersey bull.
- **Service Details:** Documented sire, service date, and expected calving date.

### 4. Pedigree and Performance Records

- **Pedigree:** Three-generation pedigree showing parentage.
- **Milk Production Background:**
  - Dam: Minimum 4,000 liters per lactation
  - Sire: Proven high genetic merit.

### 5. Health and Management Standards

- **Veterinary Certification (Country of Origin):**
  - Health certificate endorsed by a competent veterinary authority in the country of origin.
  - Certification that animals originate from disease-free herds and are free from FMD, Brucellosis, Lumpy skin disease, CBPP, BSE, Bovine tuberculosis, Johne's Disease, Rift valley fever and all reproductive diseases of cattle.
- **Deworming:** A record of within the last 2 months for internal parasites.
- **Body Condition Score (BCS):** 3.0–3.5 on a 5-point scale (moderately fleshed).
- **Feeding:** preferably pasture raised or grass and grain fed. Not fed any feed of animal origin such as meal and bone material.

### 6. Source and Pre-Shipment Requirements

- Heifers must be sourced from approved tropical or subtropical breeding farms accredited by veterinary authorities in the exporting country.
- A Pre-shipment Inspection Mission shall be conducted by the Ugandan project verification team (or its appointed agent) to confirm:
  - Parentage and production records.
  - Animal health and welfare conditions.
  - Facility and holding conditions.
- Animals must be accompanied by:
  - **International Veterinary Health Certificate (IVHC).**
  - **Import Permit** issued by MAAIF (Department of Veterinary Regulation and Quality Assurance).
  - **Airway Bill or Bill of Lading** showing transport conditions.

### 7. Animal Welfare Requirements

- Compliance with WOAHS Animal Welfare Standards, the Animal Diseases Act (Uganda), and the Animal Welfare Code of Uganda (2017).
- Animals must be handled gently at all stages including selection, loading, transit, and delivery.
- Feed, water, and shade must be provided during waiting and holding periods.
- No animal showing signs of sickness, lameness, or advanced pregnancy (>7 months) shall be shipped.
- Handling staff must be trained in humane livestock management and stress minimization.

- Any mortality, abortion, or injury during transport must be immediately reported to the responsible veterinary authority.

## 8. Transportation Standards

### (a) International Transport

- Heifers shall be shipped by air or sea in line with the Live Animals Regulations and WOAHP guidelines.
- Containers/crates must:
  - Allow the animal to stand, lie, and turn freely.
  - Provide adequate ventilation and absorbent bedding.
  - Be clearly labeled with “LIVE ANIMALS” and orientation arrows.
- Adequate feed and water must be supplied during transit, with rest periods scheduled for long journeys.

### (b) Inland Transport in Uganda

- Upon arrival, animals shall be transported in approved livestock trucks to the quarantine station.
- Vehicles must be disinfected before and after loading, and provide:
  - Proper ventilation and weather protection.
  - Non-slip flooring and partitions to prevent overcrowding or injury.
- Maximum journey duration to quarantine: not more than 8 hours.

## 9. Quarantine Procedures in Uganda

- All activities at the quarantine station in Uganda shall be at the expense of the supplier.
- **Duration:** Minimum 21 days post-arrival in an approved MAAIF quarantine station.
- **Purpose:** Disease surveillance, acclimatization, and re-vaccination as required.
- Activities during quarantine shall include:
  - Daily veterinary monitoring and record-keeping.
  - Deworming, ectoparasite control, and booster vaccinations.
  - Isolation of sick animals and immediate reporting of abnormalities.
- Release from quarantine shall be authorized only after issuance of a Post-Quarantine Health Clearance Certificate by the Commissioner for Animal Production and Health.

## 10. Veterinary Certification Requirements

Each consignment must be accompanied by:

1. **International Veterinary Health Certificate** (endorsed by the Competent Veterinary Authority in exporting country).
2. **Import Permit** issued by MAAIF prior to shipment.
3. **Post-Quarantine Health Certificate** upon release in Uganda.
4. **Laboratory test results** confirming disease-free status.
5. **Vaccination record**, including vaccine type, batch number, and date.
6. **Pregnancy confirmation** (2–6 months in-calf).
7. **Parentage verification** and source farm documents.

## **11. Delivery and Distribution to Farmers**

- After release from quarantine, animals shall be transported under veterinary supervision to designated beneficiaries farmer group.
- The cost of transportation shall be borne by beneficiary farmer groups.
- Delivery records shall include:
  - Animal identification (ear tag number).
  - Destination and recipient details.
- Only animals with valid Veterinary Movement Permits and Post-Quarantine Health Certificates may be delivered.
- A handover verification shall be signed by the project veterinary officer and the beneficiary farmer group at the quarantine station.

## **12. Compliance and Monitoring**

- Project verification and MAAIF officers shall conduct:
  - Random audits of welfare, quarantine, and transport facilities.
  - Field follow-up to assess post-delivery adaptation and health.
- Non-compliance of the supplier before the end of the quarantine will attract:
  - Rejection of consignment or return at supplier's cost.
  - Suspension or delisting from the approved supplier registry.
  - Possible prosecution under Ugandan Animal Health laws.

## **13. Responsibilities of the Project**

The Project Management Unit (PMU) shall:

- Coordinate veterinary inspections and import clearances with MAAIF.
- Maintain a registry of approved suppliers, quarantine facilities, and local transporters.
- Facilitate training for farmer groups on animal welfare and biosecurity.
- Maintain a data base of the supplied heifers and ensure traceability through livestock identification ear tags