FUNCTION:

Responsible for performing a combination of research and development duties related to the following:
1. Animal Production: Nutrition, Husbandry, Physiology and Health
2. Sustainable Production Systems
3. Intensive and Semi-intensive Systems
4. Knowledge Diffusion services.

The Livestock Scientist works under the direct supervision of the CARDI Representative and is required to carry out in accordance with the above listing, inclusive of other duties that may be assigned from time to time. The job will principally involve small ruminants but is not limited this class of livestock.

Accordingly, the incumbent is required to:

- Plan and implement studies to:
  - Improve animal production
  - Optimize livestock performance
  - Reduce livestock morbidity and mortality
  - Identify climate resilient breeds and production systems
  - Develop sustainable, climate-smart production systems
  - Optimize intensive production systems
  - Improve animal husbandry, including flock and herd health management systems

- Plan and implement programmes to:
  - Assess farmer innovation
  - Assess the use of traditional knowledge in farming systems
  - Improve knowledge application
  - Improve stakeholder networking and collaboration

- Assist in:
  - Market development for small ruminant livestock
  - Assessment of value added possibilities for small ruminants
  - Analysis and understanding of the national small ruminant value chain
ESSENTIAL DUTIES AND RESPONSIBILITIES:

Plans and executes investigations at the Field Stations as well as on-farm and the interpretation of results as well as training support

Collects feed, forage and soil specimens, prepares solutions and carried out demonstrations during laboratory sessions or at on-farm demonstrations where appropriate.

Plans, organises and conducts practical sessions for clients (staff, extension personnel, students, farmers etc), demonstrating methods and techniques and supervising performance of specific tasks.

Arranges field trips to project sites and to specified areas such as laboratories, abattoirs or livestock stations, ensuring implementation of the Work Programme and the procurement and management of adequate supplies of materials and equipment to facilitate Work Programme execution.

Gives instructions and where necessary supervises livestock trials, breeding and reproductive management, and related duties such as farm management, handling and maintenance of animals, equipment, minor repair and routine maintenance of farm structures and equipment, application of fertilisers and pest/disease control measures

Manages the financial and administrative arrangements of projects for which there is the responsibility to manage and implement

*The responsibility statements identify specific duties necessary to attain CARDI’s overall objectives while not precluding the job holder from carrying out other related activities that may be inherent in the job.*

REPORTING RELATIONSHIPS :  Reports to the CARDI Representative

PRINCIPAL ORGANISATIONAL RELATIONSHIPS:

**Internal** : All departments within the Organisation

**External** : Government and Agricultural organisations, and Agencies associated with CARDI.

EXPERIENCE : Requires a post graduate training in Livestock Science or related field and at least five years of experience in agricultural research and development.

QUALIFICATIONS : Academic training: Post graduate degree in Agriculture or related subject.

Signature of Employee: …........................................... Date: ............................

Signature of Manager/Supervisor: …........................................... Date: ............................