

**CARIBBEAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE**

**POSITION DESCRIPTION**

<b>DATE OF PREPARATION</b>	:	<b>6<sup>th</sup></b> September, 2021
<b>APPROVED BY</b>	:	_____
<b>CLOSING DEADLINE</b>	:	<b>16 January 2022</b>
<b>POSITION TITLE</b>	:	Livestock Scientist
<b>DEPARTMENT</b>	:	<b>Trinidad and Tobago Unit-</b>
<b>DUTY STATION</b>	:	<b>CARDI Tobago Office</b>
<b>COUNTRY</b>	:	Trinidad and Tobago

**FUNCTION:**

Responsible for the effective implementation of aspects of the Institute's programmes concerned with research into economic animal production systems in general and animal production and nutritional requirements in particular.

The Livestock Scientist is required to participate in the Institute's planning, resource mobilization and budgeting process by helping to identify, define and develop projects in the area of animal nutritional research to improve the efficiency of animal production systems in the region aimed at the general meat and related markets.

The Incumbent is required to execute animal nutrition and production research projects on both a single Country and Regional Network basis, applying the principles of animal science to practical areas.

The incumbent is also required to design appropriate experiments to conduct the necessary scientific enquiry and to collect, collate and analyze the resultant data and disseminate the findings and conclusions in the form of reports and technical papers.

The Livestock Scientist is responsible for executing the Institute's Intellectual Property (IP) policies and procedures in respect of research and development projects. This will involve working with all contributors of material to ensure compliance with IP requirements. Related work also involves identifying and clearing copyrighted third party material and determining the appropriate steps either to clear or replace the material for publication.

The incumbent must be able to relate the research and development work he/she is engaged in to the wider industry to which the community belongs. The incumbent may be required to work as part of a multi-disciplinary team.

## ESSENTIAL DUTIES AND RESPONSIBILITIES:

**Target** the livestock research needs of the Division of Food Security, Natural Resources, the Environment and Sustainable Development/ Ministry of Agriculture, Land and Fisheries through research and development initiatives.

**Supervise and coordinate the** crop production and research projects at the Goldsborough Demonstration and Training Centre and the Organic farm at Cow Farm Road.

**Technical support** to small ruminant projects and programmes which include breeding programmes, capacity building, research and development and promotion of integrated production systems.

**Implement** strategies and policies to increase production and lower cost for sustainable development of the small ruminant meat and milk industry in particular in Trinidad and Tobago.

**Conceptualize and execute** relevant and appropriate courses with respect to the needs of Trinidad and Tobago.

**Assist** with the design, development and execution of training programs.

**Conduct** training and technology transfer

**Participates** in research, marketing, project planning, and resource mobilization and budgeting activities within Country Representations.

**Executes** animal science components of Country Programmes as outlined in the requisite project log frames. Monitors and reports on progress of same.

**Designs** and executes appropriate scientific experiments to study significant variables impacting on the efficiency and economics of animal production and on quantity, quality of animal products produced. Analyses data and makes recommendations accordingly.

**Defines** and discusses with research team/associates the phasing and duration of all support activities required to execute research development project. Ensures that requirements are readily available.

**Studies** feed requirements of livestock, such as cattle and small ruminants, and analyses the nutritive value of feed materials to support the use of grasses and legumes as alternative feed sources.

**Identifies** locally available ingredients to replace imported components in animal feeds.

**Conducts** research and development work to expand and protect the Institute's intellectual property resources.

**Maintains** currency in intellectual property developments in the particular field of research nationally, regionally and internationally and keep Management informed.

**Ensures** that social and gender considerations are taken into account in planning and implementing research activities, particularly in on-farm experiments.

**Assists** where possible in strengthening and establishing farmers' groups and participates in the planning and coordination of workshops and seminars for farmers and Farmers' Organisations. Provides technical assistance as necessary.

**Makes** inputs into the preparation of technical packages, project proposals and policy papers. Prepares progress reports on a monthly or quarterly basis and writes factsheets, bulletins and other scientific papers for publication. Also, attends workshops and conferences on behalf of CARDI and represents the Institute on Boards and Committees.

**Ensures** that activities carried out and technologies designed, tested and adapted support sustainable and climate smart farming practices.

**Collaborates** and interacts with partner agencies and relevant institutions towards achieving common goals and objectives.

**Represents** the Institute on livestock related Boards and Committees.

**Disseminates** findings of original research work through the preparation of papers for publication in respectable agricultural science journals. Presents such papers at Regional/International Conferences.

**Determines** on an annual basis the 'Major Job Objectives' for each subordinate and to identify and discuss the "Key Results Areas" to be used for performance measurement.

*The above 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 directly to the Head, Trinidad and Tobago Unit**

**PRINCIPAL ORGANISATIONAL RELATIONSHIPS:**

**Internal** : All departments within the Organisation

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

**PERSONNEL SUPERVISED BY THIS POSITION INCLUDE:**

*Directly*

Technician  
Administrative Assistant  
Graduate Assistant /OJT

*Indirectly*

Field Assistant  
Labourer

**EXPERIENCE** : 1-2 years post university practical experience in the field of Animal Science. Must be able to undertake research to discover new facts or develop concepts and to set up and direct own work and that of support staff.

**QUALIFICATIONS** : Post graduate university degree in Animal Production with specialization in areas such as animal nutrition/breeding/reproductive physiology. Formal

training in experimental design and statistical analysis and crop production would be an asset. Requires an understanding of basic business principles and the use of computer application software.

**Signature of Employee:** ..... **Date:** .....

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