

GOVERNMENT NOTICE NO. 462 published on 19 June 2020

THE TANZANIA LIVESTOCK RESEARCH INSTITUTE ACT,
(CAP. 434)

REGULATIONS

(Made under section 38)

THE TANZANIA LIVESTOCK RESEARCH INSTITUTE REGULATIONS, 2020

PART I
PRELIMINARY PROVISIONS

Regulation Title

1. Citation
2. Interpretation

PART II
CONDUCT RESEARCH

3. Objectives.
4. Conduct of research.
5. National Livestock Research Agenda.
6. Priority research areas.
7. On-station and On-farm research.
8. Formation and composition of Livestock Research Technical and Ethical Clearance Committee.
9. Functions of Livestock Research Technical Research Technical and Ethical Clearance Committee.
10. Delegation of powers.
11. Obligation of livestock researcher.
12. Submission Research proposal.
13. Submission of data and material transfer agreement.
14. Submission of Reports.
15. Consultancy and contracting livestock research.
16. Fees for Livestock Research Ethical Clearance.
17. Termination of Research.

PART III

RESEARCH COORDINATION, MONITORING AND EVALUATION

18. Coordination of research activities.
19. Roles of Ministry, LGAs Institutions and Ministry Institutions.
20. Demand driven research and reporting mechanism.
21. Monitoring and evaluation of livestock research.
22. Dissemination of livestock research results.

PART IV
MISCELLANEOUS PROVISIONS

23. Livestock research resources.
24. Discoveries, use of technologies and innovations.
25. Rewarding system for researchers of Institute
26. Manner of handling appeals.
27. Facilitation of Committee members.
28. General penalty.

THE TANZANIA LIVESTOCK RESEARCH INSTITUTE ACT,
(CAP. 434)

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THE TANZANIA LIVESTOCK RESEARCH INSTITUTE REGULATIONS, 2020

PART I
PRELIMINARY PROVISIONS

- Citation 1. These Regulations shall be cited as the Tanzania Livestock Research Institute Regulations, 2020.
- Interpretation 2. In these Regulations, unless the context otherwise requires-
- Cap. 434 “Act” means the Tanzania Livestock Research Institute Act;
“authorized officer” means TALIRI staff that include the Director or any other officer acting on behalf of the Director General;
“Board” means the Tanzania Livestock Research Institute Board established under section 8 of the Act;
“Centre” means a Livestock Research Centre established by, or deemed to have been established under section 6 of the Act;
“Committee Members” means Members of the Livestock Research Technical and National Livestock Ethical Clearance Committees;
“Commission” means the Tanzania Commission for Science and Technology (COSTECH);
“competent authority” means the Director General or any other officer directed in writing by the Director General to perform such functions under these Regulations;
“consultancy service” means service of an intellectual or advisory nature, provided by a practitioner who is skilled and qualified in a

- particular field of profession in livestock and related sciences;
- “Director General” means the Director General of the Institute appointed under section 13 of the Act;
- “Director” means qualified persons appointed from amongst senior officers as per section 14 of the Act;
- “disciplinary authority” means any person or authority vested with powers to take disciplinary measures against any TALIRI servant and includes any person to whom those powers have been delegated;
- "duty station" means an establishment providing TALIRI service or which is used as a base for some TALIRI activity in which TALIRI servant is posted;
- “employee” means a TALIRI staff under permanent or temporary terms of employment;
- “foreign student researcher” means a person who is not a citizen of Tanzania conducting livestock research while enrolled in a recognized higher learning or research Institution;
- “higher degree courses” means courses or studies for Masters degrees and PhD (Doctor of Philosophy);
- “Institute” means Tanzania Livestock Research Institute established under section 4(1) of the Act, also known by its acronym as TALIRI;
- “Institution” means institute other than TALIRI;
- “interdiction” means the temporary removal of an employee from exercising the duties of his office while disciplinary charge is being investigated;
- “livestock” means any domesticated animals and includes cattle, sheep, goats, pigs, chicken, dogs, cats, donkeys and game;
- “Livestock Research Service Provider” means a person, whether in a public or private sector who conducts or manages Livestock research in accordance with this Act and it includes a public Livestock research institute, universities, farmers groups, civil

- society organizations, private sector organizations and any other entity as may be determined by the Institute;
- “livestock research” means any systematic study conducted in order to develop, verify and disseminate appropriate technologies for the benefit of stakeholders in the livestock - industry;
- “local researcher” means a researcher who is a citizen of the Mainland Tanzania;
- “local student researcher” means a person who is a citizen of Tanzania conducting livestock research while enrolled in a recognized higher learning or research Institution;
- “management team” means the Director General, Directors and Heads of Departments and Units;
- “Material Transfer Agreement (MTA)” means a contract that governs the transfer of Materials between institutions for use in research;
- “materials” means *interalia* biological samples, cell lines, plasmids, nucleotides, proteins, germplasm, transgenic animals, plant varieties, bacteria, virus, parasites, vector, pharmaceuticals and other chemicals;
- “Minister” means the Minister responsible for livestock;
- “Ministry Institutions” means Tanzania Veterinary Laboratory Agency (TVLA), Livestock Training Agency (LITA), National Ranching Company Limited (NARCO), Tanzania Dairy Board (TDB) and Tanzania Meat Board (TMB);
- “non-conventional livestock” means animals not traditionally domesticated including water buffaloes, elands, rabbits, cavies, crocodiles, ostriches, turkeys, guinea fowls and quails;
- “on farm research” means research activities conducted on farmer’s fields and conditions whereby the general management, evaluations and recommendations thereof are useful to farmers;

- “on-station research” means any research activity conducted in a building, site or place that is owned by a public or private authority for principal purpose of generating information, knowledge or proof of concept before the results are sent for further on farm research or widely released for further public use;
- “policy brief” means a concise summary of research information that can help readers to articulate recommendations on the best options;
- “recurrent expenditure” means expenditure made by accounting officer to incur day to day running expenses (supply vote expenditure);
- “researcher” means a person trained to design and implement research protocols, collect, analyse and interpret data relating to livestock and report results in a scientific format;
- “research ethical clearance” means an approval provided to a researcher to abide to a range of good research practice and conduct, which can include intellectual honesty, accuracy, fairness, intellectual property, and protection of human and animal subjects involved in the conduct of research;
- “Research Ethics” means norms, standards and requirements that guide the conduct of research on livestock subjects
- “suspension” means a temporary removal of a staff from exercising the duties of his office after he has been convicted of a criminal offence until such a time when the results of disciplinary proceedings against him are known;
- “technical committee” means a committee of livestock experts appointed for the purpose of dealing with scientific and standard procedures of initiating, experimenting and implementing livestock research activities for meaningful analysis and reporting of research results.

PART II
CONDUCT OF RESEARCH

Objectives

3. The objectives of the Institute shall be to-
- (a) facilitate implementation of livestock research priorities as stipulated in the National Livestock Policy, the National Livestock Research Agenda, legislations and other related policies;
 - (b) guide and regulate livestock research activities conducted by local and foreign researchers as well as student researchers;
 - (c) promote development of appropriate technologies and innovations in order to enhance creativity aimed at increasing livestock productivity sustainably;
 - (d) facilitate recognition and rewarding system for researchers with outstanding performances;
 - (e) protect innovations, novel research findings and products through Patents and Intellectual Property Rights;
 - (f) strengthen linkages and collaborations among National, Regional and International research organizations;
 - (g) enhance institutional capacities for livestock research in the country; and
 - (h) strengthen linkage between research, training and extension.

Conduct of research

4.-(1) Any Local Researcher who wishes to conduct livestock research shall develop a proposal in identified priority areas provided in section 19(1) of the Act and the National Livestock Research Agenda;

(2) Any Foreign Researcher who wishes to carry out livestock research, shall have to have a collaborating local researcher and or a local collaborating institution as it is provided in section 20(2) of the Act;

(3) Notwithstanding the generality of sub regulation (2) all proposals shall focus on priority research areas as mentioned in the National Livestock Research Agenda;

(4) Any person(s) wishing to conduct research on livestock subject shall:

- (a) through an application Form set out in Second Schedule of these Regulations, obtain a livestock research ethical clearance from TALIRI;
- (b) abide to Data Transfer Agreement (DTA); and
- (c) Material Transfer Agreement (MTA) generated by TALIRI.

(5) Notwithstanding sub regulation (4) any foreign researcher shall be required to obtain a certificate of clearance from the Commission as provided in section 20(1) of the Act.

(6) Subject to approval in regulation (4) a researcher wishing to conduct livestock research using live animals shall have to obtain an animal welfare ethical clearance permit issued under the Animal Welfare (Care and Use of Animals in Scientific Experiment and Teaching), Regulations, 2011.

GN No. 431 of
2011

National
Livestock
Research Agenda

5.-(1) The Ministry shall-

- (a) prepare National Livestock Research Agenda depending on National research priority areas and market needs;
- (b) review the National Livestock Research Agenda after every five years;
- (c) prepare annual implementation plan guided by priority livestock research areas, themes and sub-themes.

(2) Without prejudice to sub regulation (1)(b) the National Livestock Agenda shall be reviewed any time when need arises.

(3) Any person who intends to conduct research in livestock and related areas shall align the research with the existing National livestock Research Agenda based on research priority areas, or as may be instructed by a competent authority.

(4) The development of the National Livestock Research Agenda shall be in line with the existing National Research Priorities.

(5) The National livestock Research Agenda shall be made available electronically in Ministry's and its organs portal, universities portal and other related organizations portal and in hard copies at the Ministry headquarters, other public or private research and

development institutions and or available during the national exhibitions.

Priority research areas

6.-(1) Priority research areas shall be contained in each of the Thematic Areas of the National Livestock Research Agenda.

(2) The Thematic areas referred to in subregulation (1) shall include-

- (a) livestock genetics and reproductive technologies;
- (b) pastures and forages, feeds and feeding systems;
- (c) animal health, disease management and public health;
- (d) socio-cultural and economic aspects;
- (e) livestock value addition;
- (f) non-conventional livestock species; and
- (g) cross cutting issues.

(3) A researcher shall be required to revisit and conduct research on any Thematic Area determined by the National interest and specialization of the researcher.

On-station and on-farm research

7.-(1) On-station livestock research shall deal with basic, strategic and applied research activities that may be concluded or later be conducted on-farm;

(2) The conduct of on-station and on-farm research activities may involve staff or casual laborers to carry on activities that may be designated by the researcher.

(3) All on farm livestock research activities shall be conducted after consent of the Local Government Authority and participating farmers.

Formation and composition of Livestock Research Technical and Ethical Clearance Committee

8.-(1) There shall be a Livestock Research Technical and Ethical Clearance Committee established by the Board consisting of not more than nine (9) members.

(2) Livestock research technical and ethical clearance committee shall be composed of-

- (a) one member from the Directorate of Livestock research and Training;
- (b) two representatives from Higher learning institutions offering Animal

and allied Sciences;

- (c) one representative from Commission responsible for Science and Technology;
- (d) one representative from Ministry responsible for Local Government;
- (e) two representatives one from livestock farmers association and one from private livestock industry appointed by the Minister;
- (f) Director of research on Animal diseases (TVLA); and
- (g) Director General of TALIRI.

(3) The Minister shall appoint one of the members to be a chairperson and any member so elected shall, subject to his continuing to be a member, hold office for a term of three years from the date of election and may be reappointed.

(4) The Director General shall be the Secretary of the Committee.

(5) The tenure of the members of Livestock research Technical and ethical clearance committee shall be three years and may be re-appointed for another one term.

(6) The livestock research technical and ethical clearance committee shall convene quarterly or as deemed necessary.

Functions of
Livestock
research
Technical and
Ethical Clearance
Committee

9.-(1) The functions of the Livestock Research Technical and Ethical Clearance Committee shall be to-

- (a) review submitted livestock research proposals and receive progress reports of on-going research work;
- (b) submit recommendations of reviewed research proposals that are technically feasible for implementation to the Board;
- (c) assess progress of the on-going research activities and submit recommendations to the Board;
- (d) provide guidance for effective disseminations of research findings including publications in Scientific

Journals, Policy Briefs, Documentaries and other dissemination pathways;

- (e) receive and consider all applications for nominations of the conferment of award and make appropriate recommendations to the Board;
- (f) receive, approve or reject applications for Livestock research ethical clearance;
- (g) advice the Board on matters related to livestock research ethics;
- (h) advice the Institute on dissemination, adoption and commercialization of the findings of livestock research; and
- (i) perform any other activities as may be directed by the Board.

(2) The Livestock research Technical and Ethical Clearance Committee shall prepare a research progress report on annual basis and submit to the Board.

Delegation of powers

10.-(1) TALIRI may authorize higher learning institutions to offer livestock research ethical clearance and receive progress and final reports of livestock research on its behalf.

Cap. 346

(2) Without prejudice to the powers vested to universities or a research institution established under the Universities Act, high-learning institutions shall submit approved research proposals and respective reports to the Institute annually.

(3) Notwithstanding the generality of sub regulation (2), and for better performance of activities of specific or general nature, the Institute shall sign Memorandum of Understanding and enter into official agreement with such higher learning or other research institutions.

Obligation of livestock researcher

11.-(1) The researcher shall be obliged to-

- (a) obtain all necessary approvals namely:
 - (i) livestock research ethical clearance from the Institute;
 - (ii) an Animal Welfare Ethical Clearance Permit from Directorate of Veterinary

Services; and

(iii) research certificate of clearance from the Commission.

(2) Notwithstanding provisions of sub regulation (1) all researchers are obliged to comply to reporting and publishing as requirement for his promotion and or appointment.

(3) Every researcher shall develop research proposal, conduct research, interpret the result and may develop a policy brief to be submitted to the Institute.

(4) A holder of Masters, Doctorate and other Post Graduate students who have conducted research in Livestock or any other related field may develop a policy brief or a documentary to be submitted to the Institute.

(5) Without prejudice to any of the provisions of this regulation, the policy brief shall be submitted by institutions under which the research has been conducted.

(6) Subject to any provisions of this regulation, the policy brief developed by an independent researcher shall be submitted by that individual to the Institute.

(7) The Institute shall collate and synthesize policy briefs and submit the same to the Ministry for policy review.

Submission of
Research
proposal

12.-(1) There shall be calls for research proposals in specified period of the year as determined by the Board.

(2) The content of a research proposal shall abide to section 19(2) of the Act and priorities set by the National Livestock Research Agenda.

(3) The research proposal after being reviewed by Livestock Research Technical and Ethical Clearance Committee and satisfy technical feasibility for implementation shall be approved by the Institute using approval form as set out in the First Schedule of these Regulations.

(4) Upon research proposal approval in sub regulation (3), the Director General shall offer a letter of approval or disapproval to the researcher.

(5) Each research proposal shall be reviewed by Livestock Research Technical and Ethical Clearance

Committee as per assessment criteria set out in Seventh schedule.

Submission of
Data and material
transfer
agreement

13.-(1) Any researcher from a local or foreign institution who wishes to conduct research using biological and other research materials and or data owned or generated by the institutions shall obtain a letter for data and or Material Transfer Agreement (MTA) generated by institutions as prescribed in the Eighth schedule.

(2) Notwithstanding sub regulation (1) the Institute shall issue a letter for material and or data transfer to any researcher whose research activity may demand so.

(3) The transfer of biological and other research materials and or data should have consent from both Competent Authority and recipient Institutions.

Submission of
Reports

14.-(1) Any researcher whose research project or programme is funded by the Institute shall submit the progress report to the authorized officer.

(2) The report referred to under sub regulation (1) shall be submitted after every six months and the final be submitted at the end of the project.

(3) Notwithstanding the provisions of sub regulations (1) and (2) any research activity conducted for six months or less, a progress report and final report shall be required both in the middle and at the end of the research.

(4) A researcher who obtains livestock research permit or livestock research ethical clearance under this regulation shall submit to the Institute an electronic copy and a hard copy of the final report and or articles generated from his research activities and findings.

(5) After receiving and scrutinizing of the Committee reports the Board shall prepare a research report and submit to the Minister responsible for Livestock.

(6) Any researcher who fails to submit final report of the research as required commits an offence and upon conviction shall be liable to a fine subject to provisions of section 21 of the Act.

(7) Any student researcher who fails to submit final report of the research as required commits an offence.

Consultancy and
contracting
livestock
research

15.-(1) The Institute may be contracted as a research service provider or to provide consultancy services in the fields of livestock research, education, training and dissemination of results in livestock production and allied sciences.

(2) The Institute may enter into an agreement with a research service provider where the skills or technology or time or any other reason is a limiting factor for undertaking such a research.

(3) Notwithstanding the generality of sub regulation (2), the Institute may contract any other service provider to multiply technologies so generated from research activities like animal and or pasture germplasm.

(4) The Ministry may fund research by students undertaking higher degree courses that are in specific research priority areas within the National Livestock Research Agenda.

(5) Any research service provider contracted to undertake a livestock research activity shall comply to all clearances, permits, fees and reporting requirements under these Regulations.

(6) Any researcher affiliated with TALIRI who obtains consultancy work shall pay 20% of the consultancy fee to the Institute;

(7) The institute shall charge at least 10% of the total value for any research project whose funds are kept in TALIRI account provided that the project was developed and implemented by TALIRI researchers working either in collaboration with researchers outside the Institute or otherwise.

Fees for
Livestock
Research Ethical
Clearance

16.-(1) A person undertaking livestock research shall pay non-refundable research fees for Livestock Research Ethical Clearance at the rates prescribed in the Sixth Schedule.

(2) Any person conducting livestock research without research clearance or ethical clearance commits an offence;

- Termination of research
- 17.-(1) The institute may terminate research for a researcher who fails, without good cause, to submit the progress report within the intervals prescribed in regulation 14(2) and (3).
- (2) Without prejudice to sub regulation (1) the Institute may terminate a research for a researcher who fails to comply with the deliverables according to the project document.
- (3) Where the researcher is funded by the Institute and subject to provision of section 22(b) of the Act, the Institute may require the researcher to refund the Institute all the funds granted to him for the purpose of the terminated research.
- (4) Where a researcher violates the laws or regulations, the Institute may terminate his research.

**PART III
RESEARCH COORDINATION, MONITORING AND
EVALUATION**

- Coordination of research activities
- 18.-(1) The Institute shall set national priorities and harmonize livestock research activities of the public livestock research institutes, academic institutions, civil society organizations, private sectors and farmers' organizations as stipulated in section 5(1)(c) of the Act.
- (2) The Institute shall plan, undertake, aid and coordinate National livestock research and its application in livestock production and allied sciences as in the manner referred to under section 5(1)(2) and (3).
- Cap. 434
- (3) Any livestock research related forum planned or organized by any entity shall be done with prior information to the Institute.
- (4) Without prejudice to sub regulation (3) the Institute shall organize annual Scientific Conference on Livestock Research and Development involving researchers, Farmers, Trainers, Extensionists and other stakeholders within and outside the country.
- Roles of Ministry, LGA's, Institutions and Ministry Institutions
- 19.-(1) The Ministry shall direct TALIRI to properly implement the Research Agenda and any emerging challenge that need prompt research.
- (2) The Ministry shall be responsible to prepare and submit to the Institute all emerging challenges that need prompt research during every financial year.

(3) The roles of research institutions shall be to conduct research and convey the research findings to the Ministry for dissemination.

(4) Without prejudice to provisions of regulation 7(3) the Local Government Authorities-

(a) may facilitate the undertaking of livestock research through allocation of funds for priority research activities within their areas of jurisdiction;

(b) shall facilitate and undertake livestock technology dissemination in their respective areas;

(c) shall inform the Institute about any livestock research activities that are undertaken in their areas of jurisdiction.

(5) The Ministry shall Direct Tanzania Veterinary Laboratory Agency (TVLA), Livestock Training Agency (LITA), National Ranching Company Limited (NARCO), Tanzania Dairy Board (TDB) and Tanzania Meat Board (TMB) to properly implement the Livestock Research Agenda and any emerging challenge that need prompt research.

(6) Subject to sub regulation (4) TVLA, LITA, NARCO, TDB and TMB shall be required to conduct research and submit reports to the Institute annually.

Demand driven research and reporting mechanism

20.-(1) For the purpose of attaining a demand driven research the Ministry shall hold meetings with livestock farmers and other stakeholders and make a synthesis of research areas.

(2) The research areas identified under subregulation (1) shall be submitted to research institutions.

(3) The research results from the institutions shall be submitted to the Ministry and other stakeholders.

(4) The research findings shall be conveyed to farmers and other beneficiaries by the Ministry, the Local Government Authorities and other stakeholders.

Monitoring and evaluation of livestock research

21.-(1) The Institute shall-

(a) develop and maintain a livestock research database;

(b) maintain an inventory of Public and Private research Institutions, research activities and develop and maintain a National Livestock

Research Database (NLRD).

(2) The Institute shall monitor and evaluate livestock research service providers and research projects as per guidelines set in the Third Schedule.

(3) Subject to regulation 15 of these regulations, progress and final reports of livestock research projects shall be used to monitor and evaluate livestock research projects.

(4) The Minister may commission a technical person to conduct independent evaluation of livestock research project before or at the end of the project.

Dissemination of
livestock
research results

22.-(1) The Institute may request livestock research findings from different research institutions for review and promotion.

(2) The Institute shall use appropriate research findings and promote them for adoption by different livestock stakeholders.

(3) All researchers funded by the Institute shall publish research findings in various proceedings or magazines or newsletters or journals or podcasts or policy briefs or any other means of communication to targeted livestock stakeholders.

(4) The Institute shall promote the application of Information and Computer Technology to ensure that research activities and dissemination of research findings are efficiently accessible to stakeholders.

(5) Any person who releases into public or publicize any livestock research results to the public without consent commits an offence and upon conviction shall be liable-

- (a) in the case of a local researcher to a fine of not less than one million shillings and not exceeding ten million shillings, or imprisonment for a term of not less than six months or to both such fine and imprisonment;
- (b) in the case of a foreign researcher to a fine of not less than five million shillings and not exceeding twenty million shillings, or imprisonment for a term of not less than six months or to both such fine and imprisonment;
- (c) in the case of a local student researcher to a fine of not less than five hundred thousand shillings and not exceeding one million shillings, or imprisonment for a term of not

less than six months or to both such fine and imprisonment;

(d) in the case of a foreign student researcher to a fine of not less than one million shillings and not exceeding five million shillings, or imprisonment for a term of not less than six months or to both such fine and imprisonment.

(6) Subject to sub regulation (5), any person who releases in to public, false information, such person shall be required to refute the information and bear cost for the same.

PART IV MISCELLANEOUS PROVISIONS

Livestock
Research
Resources

23.-(1) The Ministry may provide resources for livestock research to facilitate the implementation of research activities under the National Livestock Research Agenda.

(2) Notwithstanding the generality of requirements in sub regulation (1), the Institute or individual researcher may be required to prepare proposals to request for research resources.

(3) The Management of livestock research funds shall be governed by provisions of the Act and Financial regulations of the Institute.

Discoveries, use
of technologies
and innovations

24.-(1) Any discovery or developed technology and innovation shall be governed by Patents (Registration) Act and Copyright and Neighboring Rights Act.

Cap. 217 and
Cap. 218

(2) The Institute shall obtain 5% of the commercial value for each unit sold of any discovered, tested or developed technology and innovations.

(3) Any discovery or innovation by the Institute, the involved researchers, other than from the institute, shall obtain 1% out of the 5% retained by the Institute.

(4) All costs pertaining to testing of innovations, discovery or developed technology shall be borne by the client.

Rewarding
system for
researchers of the
Institute

25.-(1) The Institute shall develop a Rewarding System and grant an award or awards in accordance with section 25 of the Act.

(2) The Institute shall have categories of awards to staff and or individual researchers and or research groups, private or public institutions that are within or outside the

country and categories of awards are as prescribed in the Fourth Schedule.

(3) Subject to sub regulation (2), the Institute shall make public call for nominations.

(4) The Nominations for the award may be through self-nomination, research groups, Management Team and or by any livestock stakeholders.

(5) All nominations submitted for consideration of an award shall be accompanied by-

- (a) proof and reasons for nomination including written material;
- (b) tangible or physical output;
- (c) proof of beneficiaries or witnesses in the respective area;
- (d) extended *curriculum vitae* of the nominee.

(6) All nominations shall be seconded by at least three stakeholders and shall be made using the Institute Awards Nomination Forms set out in the Fifth Schedule.

(7) In deciding whether or not any received application for the conferment of an award under these Regulations may be granted, the Livestock research Technical and ethical clearance committee shall consider the importance of the invention or discovery in its application to the search for the solution of various social and economic challenges.

(8) Notwithstanding the generality of the information submitted through the nomination forms, the Committee and the Board may seek further evidence anywhere about the nominee and his appropriateness for the award.

(9) Subject to the amount of award prescribed in the Fourth schedule the Board may review the amounts as deemed necessary.

Manner of
handling appeals

26.-(1) Any person who is not satisfied with any decision made by the Institute under these Regulations may, within twenty-one days after being notified of the decision, appeal in writing to the Minister.

(2) Every appeal, made under sub regulation (1), shall state briefly facts of the case that gave rise to the appeal and grounds upon which the appeal is based.

(3) Upon receipt of the appeal, the Minister shall within thirty days from the date of receipt of the appeal determine the matter and give decision which shall be final.

(4) Notwithstanding the generality of the information submitted through the nomination forms, the Research Technical and Ethical Committee and the Board may seek further evidence anywhere about the nominee and his appropriateness for the award.

Facilitation of
Committee
Members

27.-(1) Members of a Committees attending committee meetings shall be paid emoluments and other allowances as may be determined by the Board.

(2) The Committee may invite co-opted member to provide specific technical guidance that shall be paid such allowances as may be determined by the Board.

General penalty

28.-(1) A person who is convicted of an offence under these Regulations to which no specific penalty has been prescribed shall be liable-

- (a) in the case of an individual, to a fine of not less than five hundred thousand shillings and not exceeding one million shillings, or imprisonment for a term of six months or to both such fine and imprisonment;
- (b) in the case of a continuing offence, to a further fine of not less than one hundred thousand shillings for each day during which the offence continues; and
- (c) in the case of a corporation, to a fine of not less than one million shillings and in the case of a continuing offence, to a further fine of not less than five hundred thousand shillings for each day during which the offence continues.

FIRST SCHEDULE

(Made under regulation 12(3))

RESEARCH PROPOSAL APPROVAL FORM

I..... certify that the Livestock research Technical and ethical clearance committee has gone through the proposal titled.....submitted by.....as principal investigator. The Committee is satisfied/not satisfied* that the proposal complies with the conditions set out in the section 19(2) of the TALIRI Act .

I therefore, recommend/ do not recommend* that a proposal be passed for funding:

- (i) Without any other corrections*
- (ii) With Minor Corrections*
- (iii) With Major Corrections*
- (iv) Be rejected outright*

Reasons for rejection

.....
.....
.....
.....

Name: Signature:

Date: Day Month Year 20.....

Designation

Stamp

* Delete whichever is not applicable

NB: Attach proposal

SECOND SCHEDULE

(Made under regulation 4(4)(a))

(To be filled in triplicate)

APPLICATION FORM FOR LIVESTOCK RESEARCH ETHICAL CLEARANCE

1. Applicant Personal Particulars
Surname.....
First Name.....
Title (Mr./Mrs./Ms./Miss./Prof./Dr.) (*delete whatever is not applicable)
Nationality.....
Passport Number / National ID Number* (*delete whatever is not applicable)
.....
Date of birth.....
Highest academic qualification.....
Institutional Affiliation
1. Title of proposed research project
2. Theme (According to National Livestock Research Agenda)
.....
3. Purpose of research: Institutional Activity / Contractual Research / R&D / To attain a degree PhD/MSc/B.Sc/BA/ others (specify) (delete the inapplicable)
.....
4. Which animal / livestock species will you focus on during your research?
.....
5. How many animals do you expect to include (Number)
6. Have you obtained an Animal Welfare Ethical Clearance Permit Yes/No
7. Will you have a focus on any biological material? Blood / hair / DNA extract during the research? Yes / No
8. If Yes in 6 above explain briefly
.....
.....
.....
9. Research objectives
.....
.....
.....

10. Region(s) and District(s) in Tanzania where research will be conducted
.....
.....
11. Duration of research (months)
12. Expected start date (Day/Month/Year)
13. Expected end date(Day/Month/Year)
14. Source of funds
15. I agree to abide to data transfer agreement (DTA) and material transfer agreement (MTA) that will be generated by TALIRI. Yes/No...
16. Contact address while in Tanzania (Foreign Researchers).....
.....
17. References (provide names and addresses /telephone number/email of two referees, preferably one of whom should be based in Tanzania)
.....
.....
.....
.....
18. Declaration: Ideclare that the information provided herein is true and I will be accountable for any information that will be found to be false or untrue.

Signature of applicant

Date (Day/Month/Year)

For official use only

Person issuing the Livestock Research Ethical Clearance for and on behalf of Tanzania Livestock Research Institute (TALIRI)

Surname.....

First Name..... Other Names Title

(Mr./Mrs./Ms./Miss./Prof./Dr.) (*delete whatever is not applicable)

Signature

Date (Day/Month/Year)

Official Stamp

THIRD SCHEDULE

(Made under regulation 21(2))

MONITORING AND EVALUATION

Monitoring and evaluation serves to implement the mandate of the Institute to coordinate, monitor and evaluate all livestock research in Mainland Tanzania. Through Monitoring and Evaluation, TALIRI specifically aims to address the following key areas during livestock research implementation:-

- I. Assessment of compliance to terms and conditions (conduct of researchers)
- II. Assessment of the impact(s) of project including long-term consequences, innovation, positive and negative effects
- III. Evaluation of efficiency of the project implementation (implementation time line versus progress)
- IV. Coordinate evaluation of effectiveness of the project (extent of objectives achievements, challenges and opportunities)

Monitoring and Evaluation Form

No.	CONTENT
1	Title of the project
2	Investigator(s):
	a) Name(s)
	b) Physical address
	c) Telephone including mobile
	d) Email(s)
3	Project Time frame
4	Project Rationale
5	Project Objectives
6	Project design
7	Current Project Status
8	Project Sponsor/ Funders
9	Financial Status: a) Budget
	b) cumulative expenditure
10	Project publications/Presentations Oral /Poster (attach abstract/s)
11	Project Oral/Poster Presentation(attach abstract/s and /or poster)
12	Project Output/Outcome/Impact(Society/Research/Services/Policy)
13	Recommendations

FOURTH SCHEDULE

(Made under regulation 25(2))

The Names and Categories of TALIRI Awards and Awardees:

	Name of Award	Category of Awardee	Comment	Type of Award
a	The TALIRI Distinguished Livestock Research Services Award	TALIRI Staff	Shall be bestowed to any TALIRI Staff who through his continuous dedication to the course of the Institute, and where he has served the Institute for ten years or more, will have enabled TALIRI to effectively carry out some or all of its functions and thereby make notable contribution in Science, Technology and Innovation.	1. Overall Winner: Plaque plus Cash: TZS 2,000,000 2. First Runner-up: Plaque plus Cash: TZS 1,000,000 3. Second Runner-up: Plaque plus Cash: TZS 500,000
b	The TALIRI Order of Livestock Production Sciences (First Class)	Individual person or group	Shall be bestowed to an individual person or group of persons who through dedicated research activities with and or in TALIRI make a discovery or an invention in any field that shall foster the advancement of livestock production sciences for the good of farmers, consumers and or other livestock stakeholders.	Overall Winner: medal plus Cash: TZS 5,000,000

Tanzania Livestock Research Institute Regulations, 2020

GN. NO. 462 (Contd)

c	The Martin Kyomo Livestock Research and Development Award	Individual person or group	In Memory of Prof. Martin Kyomo, formal Researcher at Mpwapwa and Faculty Member at Sokoine University of Agriculture (SUA): Shall be bestowed to a any researcher who has, who has demonstrated exemplary conduct and action and contributed novel ideas for the better of the livestock sector and livelihood of farmers.	Overall Winner: medal plus Cash: TZS 1,000,000
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FIFTH SCHEDULE

(Made under regulation 25(6))

TALIRI Awards Nomination Form

A. Personal Particulars of one making the Nomination (Nominator)

Name of Person / Company /Group / Institution* making the nomination
(*delete whatever is not applicable)
Surname Other names
Title (Prof/Dr/ Ms/Mr/Mrs/Miss* (*delete whatever is not applicable)
Address
City
Country
Telephone / Mobile Number
Email address
Signature
Date (Day/month/year)

B. Personal Particulars of one being nominated (Nominee)

Name of Person / Company /Group / Institution* making the nomination (*delete whatever is not applicable)
Title (Prof/Dr/ Ms/Mr/Mrs/Miss*) of one making the nomination
Address
City
Country
Telephone / Mobile Number
Email address

C. Relationship of the nominee and the nominator

.....

D. Name of award for the nomination is made

.....
.....

E. Reasons for presentation of the nominee (why nominating)

.....
.....

F. Secondment (Shall be seconded by at least two adult persons)

F1. I second this nomination because

.....
.....
.....

Name of Person / Company /Group / Institution* (*delete whatever is not applicable)

.....
Title (Prof/Dr/ Ms/Mr/Mrs/Miss* (*delete whatever is not applicable)
Address
City
Country
Telephone / Mobile Number

Email address
Signature
Date (Day/month/year)

F2. I second this nomination because

.....
.....

Name of Person / Company /Group / Institution* (*delete whatever is not applicable)

.....
Title (Prof/Dr/ Ms/Mr/Mrs/Miss* (*delete whatever is not applicable)

Address

City

Country

Telephone / Mobile Number

Email address

Signature

Date (Day/month/year)

F3. I second this nomination because

.....
.....

Name of Person / Company /Group / Institution* (*delete whatever is not applicable)

.....
Title (Prof/Dr/ Ms/Mr/Mrs/Miss* (*delete whatever is not applicable)

Address

City

Country

Telephone / Mobile Number

Email address

Signature

Date (Day/month/year)

SIXTH SCHEDULE

(Made under regulation 16(1))

FEES FOR LIVESTOCK RESEARCH ETHICAL CLEARANCE

SN	RESEARCHER	LIVESTOCK RESEARCH ETHICAL CLEARANCE (TZS)
1	Local	200,000/=
2	Foreign	500,000/=
3	Local Student Masters	50,000/=
4	Local Student PhD	100,000/=
5	Foreign Student Bachelor	150,000/=
6	Foreign Student Masters	200,000/=
7	Foreign Student PhD	300,000/=

SEVENTH SCHEDULE

(Made under regulation 12(5))

ASSESSMENT CRITERIA OF LIVESTOCK RESEARCH PROPOSAL

Title of the Research Proposal

.....

Name of Reviewer:

Institution:

E-mail Address

Mobile phone:

S/N		Items to be considered during evaluation	Maximum Points that may be awarded	Points Awarded	Justification for your points awarded
1	TITLE OF THE INTENDED PROJECT	Clarity and conciseness of project title: short, simple, precisely reflecting the basic objectives of the proposed research	5		
2	THEMATIC AREA IN THE NATIONAL PRIORITIES	Identified research priority areas	5		
3	BACKGROUND & LITERATURE REVIEW	Description of existing knowledge: Justification/rationale; research question/problem statement; description of the existing knowledge about the problem; knowledge gap intended to be addressed; and/or hypothesis to be tested.	Elements		
4	BROAD OBJECTIVES	Which Strategic development goal(s)/Agenda does the study address?	5		
5	SPECIFIC OBJECTIVES	Are the study objectives SMART (Specific,	20		

Tanzania Livestock Research Institute Regulations, 2020

GN. NO. 462 (Contd)

S/N		Items to be considered during evaluation	Maximum Points that may be awarded	Points Awarded	Justification for your points awarded
		Measurable, Achievable, Realizable and Time bound); OR are the objectives well stated? Are they Achievable?			
6	MATERIALS AND METHODS TO BE USED/RESEARCH METHODOLOGY	<ol style="list-style-type: none"> 1. Research study/design including implementation plan 2. Justification of the choice of study area. 3. Description of the population from which the study sample is to be drawn; Description of the sampling procedures including size 4. Tools and instruments 5. Ethical statement 	20		
7	COST OF RESEARCH AND SOURCE OF FUNDING	Is the budget adequate, justified and realistic? What is the source of fund?	5		
8	RESULTS ON DATA ANALYSIS	Proper Description of data analysis (Includes any electronic packages for processing and analyzing the data) and storage	10		
9	REFERENCE S OR BIBLIOGRAPHY	Citation of recent and relevant publication/literature	10		

Tanzania Livestock Research Institute Regulations, 2020

GN. NO. 462 (Contd)

S/N		Items to be considered during evaluation	Maximum Points that may be awarded	Points Awarded	Justification for your points awarded
9	Dissemination Plan	Description of research disseminating plan and its feasibility such as publication, policy briefs, project briefs, conference presentations and workshops	10		
		Total	100		

*The proposal will be valued successful if it attains a total of 65% and above

EIGHTH SCHEDULE

(Made under regulation 13(1))

DATA AND MATERIAL TRANSFER AGREEMENT (MTA/DTA) FOR RESEARCHERS / INSTITUTIONS

MTA/DTA Reference Number: TALIRI/.....

Subject to the terms and conditions of this Agreement, being the Providing Institute, hereby agrees to provide, and being the Receiving Institute hereby agrees to accept, the Materials/data and or Information specified below for such Purposes of Use and subject to such Restrictions on Use as specified below.

In this Agreement, the following expressions shall have the following meanings:

1. "Providing Institute":

1.1. Name and contact details (including email address) of Providing Institute
.....

1.2 Name and contact details (including email address) of Principal Investigator / Responsible Scientist
.....

2. "Receiving Institute":

2.1 Name and contact details (including email address) of Receiving Institute
.....

2.2 Name and contact details (including email address) of Principal Investigator / Responsible Scientist
.....

3. "Materials":

Description of Materials
.....
..... held by (name of Providing Institute), and made available to(the Receiving Institute hereunder.
Quantity of materials provided by Providing Institute
.....(g/kg/mls/ pcs/....)

4. "Data / Information":

Any data / information, unpublished or otherwise, owned by (name of Providing Institute) and communicated to(the Receiving Institute) by(the Providing Institute) during the term of this Agreement:

4.1 relating to the Materials, their production, properties, and/or experimental results observed using the Materials or any derivatives therefrom.

4.2. description of data and information (if data and information transferred is not related to the materials described in 3 above but it is about

.....
.....

5. "Purposes of Use":

The Materials and Data/Information are provided for the following purposes, as more fully described in Appendix 1 (the "Research Project"):

[Brief description of the purposes for which the Materials, and products incorporating or developed with the Materials, may be used.] [Add reference to a specific grant, etc. when appropriate.]

.....
.....
.....

6. "Restrictions on Use":

The Materials and Information shall not be used for any purpose other than the Purposes of Use. In particular, the Materials and Information shall not be used for *[insert any specific restrictions on use]* (Refer.

.....
.....
.....

7. "Term of Agreement":

This Agreement shall remain in full force and effect as from the date of its signature by both parties for a duration of Months and or according to the project (appendix 2) duration.

8. "Materials and Data Charges":

(PLEASE KEEP THE APPLICABLE CLAUSE (1) AND DELETE THE REST).

8.1 Materials from the Providing Institute shall be free of charge

8.1.2 Where the Providing Institute is not in position to process, package and ship the materials the Receiving Institute may bear specified cost of sample retrieval, processing – including DNA extraction – packaging and shipment

8.2 Data and information shall be provided at no cost.

9. Applicable Law

This Agreement is a contract and not an International agreement, that International Law is not applicable to this Agreement, and that International Law does not govern the interpretation of the provisions of this Agreement. Any dispute arising under this Agreement which is not disposed of by agreement between the researchers and or Investigators shall be submitted jointly to the Authorized signatories of this Agreement. A joint decision of the Authorized signatories or their designee shall be the disposition of such dispute. If the Parties (hereby referred to as both Providing and Receiving Institutions) cannot reach a joint decision, either Party may terminate this Agreement immediately. The Parties hereby consent to the jurisdiction of the Courts of the United Republic of Tanzania for any action, suit or proceeding arising out of or relating to this letter Agreement brought against the United Republic of Tanzania or TALIRI.

9. "General Conditions":

The General Conditions attached hereto under Appendix 1 form an integral part of this Agreement.

10. "Signature":

This Agreement is duly signed on behalf of the parties as follows:

Signed for and on behalf of Providing Institute Responsible Scientist	Signed for and on behalf of Receiving Institute: Responsible Scientist
Name	Name
Title	Title
Authorized Officer	Authorized Officer
Name	Name
Title	Title
Date	Date
Official Stamp	Official Stamp

APPENDIX 1 – GENERAL CONDITIONS OF DATA AND OR MATERIAL TRANSFER
UNDER THE SEVENTH SCHEDULE

1. Use

1.1 The Materials and data or Information are supplied by the Providing Institute to the Receiving Institute solely for the Purposes of Use and subject to the Restrictions on Use as set out herein.

1.2 The Materials and Information shall not be used in human subjects, in clinical trials, or for diagnostic purposes involving human subjects without the written consent of the Providing Institute.

1.3 Other than for and within the Purposes of Use, and as specifically described in Appendix 2, the Materials and or data / Information shall not be transferred, offered for sale, or otherwise used without the prior written agreement of the Providing Institute.

1.4 The Receiving Institute shall allow only parties who have a need to know for the Purposes of Use and who are bound by similar obligations of confidentiality and Restrictions on Use as contained in this Agreement to have access to the Materials and Information.

1.5 The Receiving Institute shall require any party handling and/or using the Materials and data or Information to comply with all relevant laws, rules, and regulations applicable to the use of such Materials and Information.

2. Confidentiality

2.1 The Information may incorporate confidential information of the Providing Institute. Accordingly, if and to the extent that any such Information is clearly marked as “confidential”, the Receiving Institute shall during the Term of this Agreement and for a period of FIVE years following its termination treat such Information as confidential and only disclose it under like obligations of confidentiality and Restrictions on Use as those contained herein. The Receiving Institute shall be deemed to have fulfilled its obligations if it exercises at least the same degree of care in maintaining confidentiality as it would in protecting its own confidential information.

2.2 The above-mentioned obligations of confidentiality shall not apply to Information which:

(i) can be shown to have been known to the Receiving Institute at the time of its acquisition from the Providing Institute; or

(ii) is acquired from a third party, not in breach of any confidentiality obligation to [insert name of Providing Institute]; or

(iii) is independently devised or arrived at by, on behalf of, or for the Receiving Institute without access to the Information; or

(iv) enters the public domain otherwise than by breach of the undertakings set out in this Agreement.

2.3 In some cases, the Information may also incorporate confidential information pertaining to research participants having provided the Materials or data. The Materials and or data provided to the Receiving Institute have been [coded or anonymized (*provide description of data treatment here*)]. If the Receiving Institute inadvertently receives information that identifies individual

research participants, the Receiving Institute will take all reasonable and appropriate steps to protect the privacy and confidentiality of such information. This may require immediate destruction of the information on request of *[insert name of Providing Institute]*. The Receiving Institute agrees to make no intentional attempt to re-identify research participants through linkage of data or otherwise. The Receiving Institute will immediately report any identification of research participants to *[insert name of Providing Institute]*.

3. Rights

3.1 Except for the rights explicitly granted hereunder, nothing contained in this Agreement shall be construed as conveying any rights under any patents or other intellectual property which either party may have or may hereafter obtain.

Annex 4. Template Material/Data Transfer Agreement (MTA/DTA)

3.2 *[Insert name of Providing Institute]* shall retain ownership of the Materials and Information and shall have the unrestricted right to use, assign, or distribute the Materials and Information to any third parties for any other purposes. The Receiving Institute acknowledges and agrees that nothing contained in this Agreement shall be

deemed to grant to the Receiving Institute any intellectual property rights in any of the Materials or Information provided hereunder.

3.3 The Receiving Institute must not make intellectual property claims on Materials or Information derived directly from *[insert name of Providing Institute]*. However, the importance of downstream inventions made with *[insert name of*

Providing Institute] Materials is recognized; patents on such inventions are permitted. In doing so, the Receiving Institute agrees to implement licensing policies that will not obstruct further research. The Receiving Institute will share ~~own~~ all results, data, and inventions which arise under the Research Project described in Appendix 2.

4. Return of Individual-Level Results

OPTIONAL CLAUSES:

4.1 No return of individual-level results: Individual Research Results and Incidental Findings will not be returned to *[insert name of Providing Institute]*.

or

4.1 Return of individual-level results: Participants in *[insert name of Providing Institute]* have consented to the return of Individual Research Results and Incidental Findings that are clinically significant, analytically valid, and actionable (i.e. treatable or preventable). If in the course of their research the Receiving Institute comes across such findings, they must be returned to the *[insert name of Providing Institute]*.

5. Publications

5.1 Upon completion of the Research Project, the Receiving Institute will send to *[insert name of Providing Institute]* [specify: reports, enriched data, etc.]. The Receiving Institute must endeavour to publish results in an academic journal or in an open access database. The Receiving Institute

agrees to acknowledge [insert name of Providing Institute] in any publication or presentation on work derived in whole or in part from the Materials and to supply [insert name of Providing Institute] with a copy or web address of any publication.

6. Warranties and Liabilities

6.1 [Insert name of Providing Institute] makes no warranty of the fitness of the Materials for any particular purpose or any other warranty, either express or implied. However, to the best of [insert name of Providing Institute]'s knowledge, the use of the Materials and/or Information within the Purposes of Use shall not infringe on the proprietary rights of any third party.

6.2 [Insert name of Providing Institute] will not be liable for damages related to the provision of Materials to the Receiving Institute. This includes but is not limited to damages in relation to inaccuracies, lack of comprehensiveness, or use of the Information and Materials and/or Information, or any delay or break in supply by [insert name of Providing Institute]. The Receiving Institute acknowledges that [insert name of Providing Institute] makes no guarantee that the Materials and/or Information are free of contamination from viruses, latent viral genomes, or other infectious agents. The Receiving Institute agrees to treat the Materials as if they were not free from contamination, to ensure that appropriate biosafety training is provided to research personnel, and to implement appropriate biohazard containment measures.

6.3 The Receiving Institute agrees that, except as may explicitly be provided in this Agreement, [insert name of Providing Institute] has no control over the use that is made of the Materials or the Information by the Receiving Institute in accordance with the terms of this Agreement. Consequently, the Receiving Institute agrees that [insert name of Providing Institute] shall not be liable for such use.

7. Amendment, Extension, and Termination

7.1 Any amendment to this Agreement, including extension of the Term of Agreement, shall be valid only by written amendment executed by the duly authorized officers of both parties.

7.2 Notwithstanding the conditions set forth in this Agreement, in particular the Purposes of Use, Restrictions on Use, and Confidentiality obligations, either party may terminate this Agreement with sixty (60) days prior written notice to the other party.

7.3 When the Research Project is completed or this Agreement is terminated, whichever comes first, any unused Materials will either be destroyed in compliance with all applicable statutes and regulations or will be returned to [insert name of Providing Institute] by the Receiving Institute upon [insert name of Providing Institute]'s request.

8. Miscellaneous

8.1 Nothing in this Agreement shall be interpreted as establishing a partnership between the parties or establishing one party as the agent of the other or conferring a right on one party to bind the other, except as may be specifically

set out herein.

8.2 Any dispute relating to the interpretation or application of this Agreement shall, unless amicably settled, be subject to conciliation. In the event of failure of the latter, the dispute shall be

settled by arbitration. The arbitration shall be conducted in accordance with the modalities to be agreed upon by the parties or, in the absence of agreement, with the rules of arbitration of the International Chamber of Commerce. The parties shall accept the arbitral award as final.

8.3 This Agreement sets forth the entire understanding between the parties and supersedes any prior agreements, written or verbal.

APPENDIX 2 – RESEARCH PROJECT

[Provide description of project/work to be performed using the Materials and/or Information.]

Dodoma,
10th June, 2020

LUHAGA JOELSON MPINA
Minister for Livestock and Fisheries