



Promoting Sustainable Agriculture

Golden Valley Agricultural Research Trust
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PROFILE

September 2008

The Golden Valley Agricultural Research Trust (GART) was created in 1993 by the Government of the Republic of Zambia in partnership with the Zambia National Farmers Union, as a substantially self-sustaining and autonomous Public Private Partnership Initiative and as part and parcel of the National Agricultural Research and Extension System (NARES). It is registered under THE LAND PERPETUAL SUCCESSION ACT (CAP 288) of the Laws of Zambia. The broad objectives of GART are translated into two science and technology programmes and one supporting programme.

Vision

GART's vision is of a prosperous Zambia whose people are free from hunger and poverty and are healthy utilising the country's agricultural resource base sustainably creating opportunities for gainful employment as a wealth enhancement strategy, ensuring that the farming community is contributing significantly to the national economy.

Mission

The mission is to contribute to optimisation of the production, commerce and trade of crops, milk, chicken, goats and where possible their by-products and income security of the target beneficiaries through - Integrated Agricultural Research for Development (IAR4D) programmes for market-oriented small-, medium- and large-scale male and female farmers as well as youths, who include those affected or infected by HIV/AIDS.

Mindset

GART is determined to evolve as, and be a lead knowledge, innovation and expertise centre in Zambia and increasingly in the SADC Region, in the area of conservation agriculture, smallholder dairy, short-cycle livestock systems (local poultry and goats). The programmes are result and demand driven and are in conformity with the dictates of the national policy. GART will endeavour to remain at all times relevant to all role players in the agricultural sector, both men and women, including those afflicted and affected with HIV/AIDS as well as the agro-industry.

The *modus operandi* is to remain lean professionally and to optimise efforts on the CEL principle of: to Concentrate, to Excel and to Link up with professional partners. In this respect:

1. GART exposes professional staff regionally and internationally.
2. Works with strategic partners within and outside Zambia.
3. Forms relationships with agricultural extension agents, out-growers' schemes, farmer groups, agricultural companies, associations and cooperatives.

Core values: GART has the following core values:

- Team work
- Integrity
- Beneficiary focus
- Commitment and professionalism

In this respect GART operates as a Steward of *public good*, based on the principle “In the public interest” or “Private Action” for public Benefit.

GART, therefore, always subjects itself to a Rigorous Universal Public Benefit Test e.g. constant packaging and dissemination of knowledge.

Programmes – GART has two *CORE science and technology programmes* namely:

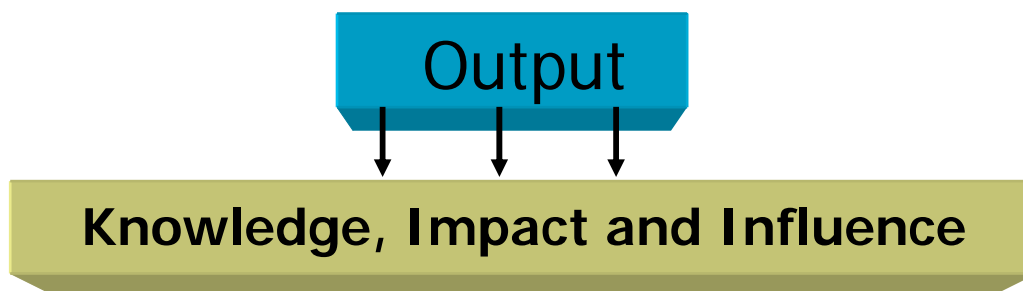
- 1) ***Research and Development of Conservation Agriculture*** – focus on: optimization of conservation farming systems (tillage and crop residue management systems, tillage and planting technologies, labour saving and external inputs optimization technologies, water harvesting and storage technologies, soil conditioning, and value adding technologies).
- 2) ***Research and Development of Smallholder Livestock Systems*** - focus on:
 - (i) Development of Smallholder Dairy
 - (ii) Improved local poultry production
 - (iii) Improved goat production

On the ground, these programmes are translated into research and development activities at three levels.

- (i) On station, systematic and statistical evidence (technology e.g. dairy heifer, hardware production models, production recommendations) generating trials
- (ii) On farm – farmer managed demonstrations
- (iii) On farm – researcher managed result or method, “how to” demonstrations (farmer field school) or technology validation demonstrations.

Supporting programme

- Commercial farming (crops, seed, livestock)
- Contract research
- New and emerging opportunities e.g. new crops (guar), (bio fuels, etc)
- Fore sight
- Local and international partnerships



Facilities

Research Farm - Golden Valley: 1306 ha

Commercial Farm - Chaloshi: 1340 ha

Livestock Development Centre (includes commercial ranch): 9070 ha

Governance

GART is governed by an independent Board of Trustees. The Board meets regularly to approve work plans and budgets, review progress and set policy direction. The Board also operates through a system of technical and specialist committees. The following Committees are in place: (i) Finance, Audit and Administration Committee (ii) Crop Research and Extension Committee and (iii) Livestock Research and Extension Committee. The Technical Committees (ii) and (iii) above have wider representation from both the private sector, government as well as the ultimate beneficiaries.

The Board composition is based on three constituencies identified at the inception of GART. These are:

(i) *Government of the Republic of Zambia*: The representatives are: Mr. Richard M. Chizyuka, Ministry of Agriculture and Cooperatives, Mr. Russel M. Mulele, Permanent Secretary Ministry of Tourism, Environment and Natural Resources, and Peter G. Sinyangwe (Dr) Director of Research and Specialist Services - Ministry of Agriculture and Cooperatives.

(ii) *The Zambia National Farmers' Union (ZNFU)*: The representatives are: Mr. Barry J. Coxe and Mr. Namukolo Mukutu (one vacancy).

(iii) *International Agricultural Research Centres*: The representative is David D. Rohrbach (Dr.), Principal Economist and Regional Director of the International Centre for Research in Semi-Arid Tropics (ICRISAT), Bulawayo, Zimbabwe.

Staff policies

GART has policies on conditions of service, HIV/AIDS and gender equity. GART is an equal access and equal opportunity institution.

Financing

GART currently raises on average 40% of its annual budget through commercial farming and contract research. The balance is financed by the donor community, currently principally the governments of Norway and Sweden and the UN Common Fund for Commodities. The Government of the Republic of Zambia contributes a minor part (less than 5%) of GART's annual budget.

Audits and stewardship accounting

- Annual externally audited accounts are produced for consideration and approval by the Board of Trustees.
- An audit committee is in place.

Bankers

GART banks with the following institutions:

1. Stanbic Bank of Zambia Limited,
Woodgate House
Cairo Road
PO Box 31955
Lusaka
2. Zambia National Commercial Bank (Lusaka, Chisamba and Choma)
Head Office
PO Box 33611
Lusaka
3. Barclays Bank (Z) Limited
PO Box 630018
Main Road
Choma

Auditors

The external auditors for GART are:

Price Waterhouse Coopers
PO Box 31942
Lusaka

Solicitors/Lawyers

Nicholas Okware L'Emadit, LLB(HONS), Makerere
Okware & Associates
ZIMCO House
4th Floor, Room 405
Lusaka

BOARD OF TRUSTEES

Mr. N. Mukutu - **Chairman**
Mr. Richard M. Chizyuka
Mr. M. R. Mulele
Mr. B. J. Coxe
Dr. P. G. Sinyangwe
Dr. David D. Rohrback
Dr. Stephen W. Muliokela – **Board Secretary**

SENIOR MANAGEMENT AND PROFESSIONAL STAFF

Director

Dr. Stephen W. Muliokela, PhD (Seed Sc.)

Finance and Administration Manager

Mr. Berrings A. M. Moonga, FCMA, ACIS

Commercial Farming Manager

Mr. Roger F. Mase, MSc (Farm Mgt.)

Livestock Development Manager

Mr. David M. Mubita, MSc (Animal Sc.)

Head Research and Development

Mr. Douglas S. Moono MSc (Crop Physiology)

Senior Agricultural Engineer – Agrotechnology Consult Africa B.V.

Mr. Piet Stevens, MSc (Agric Eng.)

Manager - HIV/AIDS and Food Security Project

Mr. Kamwi Kabisa – BA (Economics) Diploma (Project Mgt)

Agronomist

Mr. Simunji Simunji, BSc (Agric), Diploma (Agric)

Agricultural Engineer

Mr. Arthur Chomba, BSc (Agric Eng.)

Pasture Agronomist

Ms. Lungowe Situmbeko, BSc.(Agric)

Development Economist (Livestock)

Ms. Sharon Ndandula BA (Economics)

ASSOCIATE PROFESSIONAL STAFF

Livestock Development Specialist – University of Zambia (UNZA)

Prof. G. S. Pandey, PhD

Livestock Management Specialist – University of Zambia (UNZA)

Prof. Kenny L. Samui, PhD

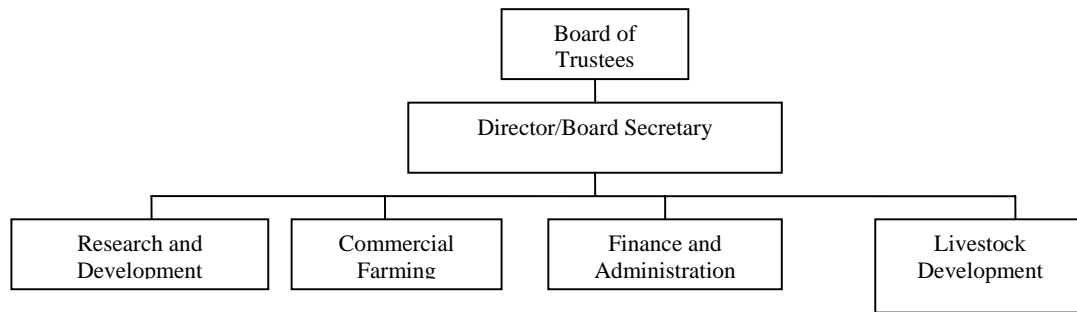
Soil Management Specialist – University of Zambia (UNZA)

Prof. Obed I. Lungu, PhD

Sorghum Breeder – Zambia Agricultural Research Institute (ZARI)

Dr. Medison Chisi

Organizational Structure



Head – R&D
 Agricultural Engineer
 Guar Specialist
 Economist
 Coffee Agronomist
 Soil Mgt Specialist
 Agronomist
 Research Technician
 Field Supervisor

Farm Manager
 Asst. Farm Manager
 Livestock Technician
 Field Supervisor

Fin. & Admin. Manager
 Management Accountant
 Accountant
 Assistant Accountant
 Accounts Clerk

Manager
 Livestock Dev. Specialist
 Livestock Mgt. Specialist
 Livestock Economist
 Pasture Agronomist
 Livestock Technician
 Cattlemen

Total Staff Strength:

Permanent Staff: 182 (30th December 2006)
Seasonal Workers: 290 (average – for 6 months/yr)

Coverage: Although essentially a Zambian Institution, GART is implementing professional programmes and has associate staff in Botswana, Lesotho and Namibia.

Motto:

GART's motto is:

Floreat agri cultura: May GART flourish through agriculture