VIJANA KILIMO BIASHARA PROGRAMME

MOROGORO

AGRISCAPE INNOVATIONS AND NAFAKA KILIMO ON EMPOWERING FARMERS AND AGRICULTURAL FIELD OFFICERS

VIJANA KILIMO BIASHARA PROGRAMME

MOROGORO, TANZANIA

20 August 2026



Technical Focus: Nursery Management, Seedling Production and Quality Planting Materials

Training Overview

On 20 August 2026, Agriscape Innovation Company Limited participated in a practical agricultural training session organized by NAFAKA KILIMO in Morogoro, Tanzania. AgriScape Innovations invited to contribute technical knowledge and practical expertise in nursery management, with the objective of strengthening the capacity of farmers and agricultural field officers in the production and management of healthy, vigorous and quality seedlings. The training brought together approximately 50 farmers and agricultural field officers, creating an important platform for knowledge exchange, practical learning and discussion of challenges associated with nursery establishment and seedling production. Representing Agriscape the trainer facilitated practical learning sessions and demonstrations designed to connect technical nursery knowledge with the realities faced by farmers in the field.



Mr. Krisogon Vitalis Shayo *led the practical demonstration session, guiding women and youth participants through various agricultural activities. He explained each step of the process, encouraging participants to observe, ask questions, and actively take part in the demonstrations. This participatory approach enabled participants to gain hands-on experience, develop practical farming skills, and understand how to apply improved agricultural techniques in their own farming activities. The session emphasized learning by doing, promoting knowledge sharing, confidence, and the adoption of good agricultural practices to support sustainable agriculture.*

A Practical, Hands-On Learning Approach

The training conducted using a practical and participatory approach. Rather than focusing only on theoretical explanations, participants exposed to actual nursery materials and demonstrations. Nursery trays, growing media and young seedlings used to make the training more practical and easier to relate to farmers' daily activities. The practical demonstrations provided participants with an opportunity to observe how different nursery materials and how proper nursery practices can contribute to the production of healthy planting materials. Farmers and agricultural field officers actively participated by asking questions, observing the demonstrations and sharing experiences from their own agricultural activities. This interaction created a two-way learning environment in which technical knowledge from AgriScape Innovations combined with the practical experiences and challenges of farmers.



Mr. Vitalis Shayo *from AgriScape Innovations Company Ltd engages farmers and agricultural officers in discussions on nursery management, covering nursery materials, growing media preparation, seed sowing, and seedling hardening techniques to promote healthy seedlings, improve crop establishment, and enhance agricultural productivity.*

Mr. Shayo used a practical and participatory training approach to help farmers and agricultural officers understand nursery management more effectively. This approach allowed participants to learn through direct observation, hands-on activities, and interaction rather than relying only on theoretical explanations and observation.

The engagement provided an opportunity for Agriscape Innovation Company Limited to demonstrate its role as a provider of practical agricultural knowledge and technical services. AgriScape Innovations demostrated that agricultural transformation requires more than the availability of technology and inputs. Farmers also needed knowledge, practical skills, technical guidance and access to appropriate solutions. Through its participation in the training, AgriScape demonstrated its ability to translate agricultural knowledge into practical field-based learning. The engagement also provided an opportunity to introduce and strengthen awareness of the AgriScape brand among farmers and agricultural professionals. Rather than promoting the company through advertising alone, AgriScape demonstrated its expertise through service, training, practical demonstrations and direct engagement with agricultural stakeholders.

Key Areas Covered During the Training

The nursery management session covered several important areas relevant to successful seedling production. **Nursery Site Selection.** Participants introduced to the importance of selecting a suitable location for establishing a nursery. Factors such as accessibility, water availability, drainage, protection from environmental stresses and general suitability of the site discussed as important considerations when establishing a nursery. **Preparation of Growing Media**. The quality of the growing medium is essential for healthy seedling development. Participants introduced to the importance of using suitable and well-prepared growing media that can provide seedlings with adequate support, moisture and conditions for root development. Different materials used in nursery preparation displayed during the practical session, allowing participants to observe their physical characteristics and discuss their applications.

Use of Nursery Trays. Nursery trays were among the practical materials demonstrated during the training. Participants shown how nursery trays used to organize seedlings, improve nursery management and facilitate better handling of planting materials. The practical demonstration helped participants understand how proper use of nursery containers can contribute to better seedling management and more organized nursery operations. **Seed Sowing and Early Seedling Management**. The training also highlighted the importance of proper seed handling and management during the early stages of seedling development. Participants were encouraged to pay attention to appropriate sowing practices, moisture management and regular monitoring during germination and early growth.

Water Management. Adequate water management is essential for maintaining healthy seedlings. Participants discussed the importance of providing seedlings with appropriate moisture while avoiding practices that can result in excessive water accumulation or unfavorable nursery conditions. **Seedling Care and Protection**, the session emphasized regular monitoring of seedlings to identify problems at an early stage. Farmers trained to observe seedlings for signs of pest attack, disease, nutrient deficiencies, water stress and other factors that may affect growth. Early identification and appropriate management can help reduce losses and improve the quality of seedlings available for transplanting.

Seedling Hardening. Both farmers and agricultural filed officers trained and introduced to the importance of preparing seedlings before transferring them from the nursery to the field. Seedling hardening helps plants gradually adjust to field conditions and can support better establishment after transplanting.



Mr. Krisogon Vitalis Shayo *led an interactive training session designed to empower participants through active engagement and practical agricultural skills development. He introduced key concepts before guiding participants through demonstration activities, encouraging them to ask questions, share their experiences, and contribute their own ideas. This participatory approach enabled farmers, women, and youth to connect theoretical knowledge with practical farming techniques, making the learning process more accessible and relevant to their agricultural activities. Through involving participants directly in the demonstrations, Mr. Shayo promoted knowledge sharing, confidence-building, and hands-on learning, equipping participants with practical skills*

Interactive Training Session Empowering Participants through Active Participation and Practical Agricultural Skills Development

Strengthening Farmers' Capacity

The training contributed to strengthening participants' understanding of nursery management and quality seedling production. Through gaining practical knowledge, farmers expected to improve their own nursery practices and make better decisions concerning the establishment and management of seedlings. On the same time, agricultural field officers gained additional practical knowledge that supported their continued engagement with farmers and agricultural communities. This created the potentials for knowledge gained during the training to extend beyond the approximately 50 participants and reach other farmers through continued field-level extension and advisory activities.



Promoting Active Farmer Participation through Practical Demonstrations and Hands-On Training

AgriScape Innovation Company Limited remains committed to supporting farmers, agricultural professionals, institutions and communities through practical training, agricultural consultancy, nursery management, quality planting materials and innovative agricultural solutions. The company will continue to seek and build partnerships that create opportunities for knowledge sharing, farmer empowerment and sustainable agricultural development. Through engagements such as the nursery management training with NAFAKA KILIMO, Agriscape continues to position itself as a partner in transforming agricultural knowledge into practical solutions.