

Sustainable Agriculture Tanzania

FARMER TRAINING CENTER



TRAINING COURSES SCHEDULE 2021

www.kilimo.org



Farmer Training Center



Sustainable Agriculture Tanzania (SAT)

P.O.Box 6369, Morogoro

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FTC is always an exciting experience !

DATE	COURSE TITLE	TARGET	COURSE ID
28.06 - 02.07.2021 04.10 - 08.10.2021 22.11 - 26.11.2021	Organic Agriculture Basic	OPEN TO PUBLIC	OA 026
25.10 - 29.10.2021	Organic Agriculture Intermediate	OPEN TO PUBLIC	OAI 004
29.11 - 03.12.2021	Organic Agriculture Advance	OPEN TO PUBLIC	AOA 002
19.07 - 23.07.2021	Animal Production Basic	OPEN TO PUBLIC	API 004
16.08 - 20.08.2021	Attract youth in agriculture camp	OPEN TO PUBLIC	AY 006
20.11 - 24.11.2021	Conservation Agriculture	OPEN TO PUBLIC	CA 011
06.09 - 10.09.2021	Entrepreneurship and Agri-business Development	OPEN TO PUBLIC	EAD 003
08.11 - 12.11.2021	Process Food and Add Value	OPEN TO PUBLIC	FP 005
01.11 - 05.11.2021	Natural medicine	OPEN TO PUBLIC	NM 006
27.09 - 01.10.2021	Organic spice Production course	OPEN TO PUBLIC	SPICE 004
23.08 - 03.09.2021	Permaculture Design Course (PDC)	OPEN TO PUBLIC	PDC 007
06.12 - 10.12.2021	Post Harvest Handling and Management of Agricultural Produce	OPEN TO PUBLIC	PHM 001
09.08 - 13.08.2021	Sustainable Waste Management and Composting	OPEN TO PUBLIC	OAWM 005
12.07 - 16.07.2021 11.10 - 15.10.2021	Training of Trainers (ToT)	FACILITATORS & FIELD OFFICERS	ToT 012

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	Sustainable waste management		

ORGANIC AGRICULTURE BASIC

With more than seven years of experience in the field of organic agriculture we have a lot to share. Using an integrated approach that combines crop production with livestock-keeping and forestry we can help you manage your plot most efficiently.

Skills You will Acquire:

- Introduction to Organic Farming
- Making simple soil test
- Preparing a garden
- Improving soil fertility
- Pest, diseases and weed management
- Agricultural innovation
- Agroforestry
- Introduction to poultry & rabbit keeping
- Marketing of products



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 250,000/= per participant,

ORGANIC AGRICULTURE INTERMEDIATE

Graduates of the course “Organic Agriculture Basic” will get further insights into sustainable farming practices. The first part of this course is a deeper introduction into soil health and technologies which can be used to increase soil fertility. Organic pest and disease management are practically and theoretically taught.

Skills You will Acquire:

- Water management on the farms
- Making simple soil test and soil
- Macro and micro nutrients for plants
- Nutrients deficiency in plants
- Soil recover and fertility improvement
- Vermicomposting
- Cover cropping and green manure
- Tree nursery establishment
- Marketing of products
- Crop propagation



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CONSERVATION AGRICULTURE

Cultivating your fields and protecting the environment at the same time? Yes, it is possible. With the help of Conservation Agriculture these two aspects do not have to be mutually exclusive. Conservation Agriculture combines farming and soil management techniques that protect the soil from erosion and degradation.

Skills You will Acquire:

- Introduction to Organic Farming
- Making simple soil test
- Preparing a garden
- Improving soil fertility
- Pest, diseases and weed management
- Agricultural innovation
- Agroforestry
- Introduction to poultry & rabbit keeping
- Marketing of products

NATURAL MEDICINE

Do you know the power of herbs? Tanzania is rich in plants that can be used as natural medicine and Dr. Feleshi from ANAMED Tanzania will show you how to use them. The course gives you a basic introduction into cultivation, preparation and usage of medicinal plants. A course may prepare you to start your own cosmetic business.

Skills You will Acquire:

- The recognition, knowledge and cultivation of several medicinal plants in a medicinal garden
- Production of effective natural medicines from these plants, e.g. teas, different medicinal oils and ointments and tinctures
- Production of different soaps, medicinal charcoal, black stones for snake-bites
- Treatments of various complaints and diseases, including malaria, diarrhoea, and wounds



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 400,000/= per participant,

ANIMAL PRODUCTION

Livestock keeping and crop production can coexist very well. Both aspects can be used in an integrated approach to establish a closed nutrient management cycle – an essential principle of organic farming. Moreover, the sale of fresh fish, meat, milk and honey can increase the household income for small-scale farmers significantly. The course gives an introduction into animal health, feeding, housing and general production.

Skills You will Acquire:

- Animal health
- Medicinal plants for various animal diseases and vaccinations
- Control of ticks in livestock using natural remedies
- Marketing of products
- Animal housing
- Livestock feeding (Ruminants & non-ruminants)
- Hydroponics
- Silage preparation



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 400,000/= per participant,



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 350,000/= per participant,

SUSTAINABLE WASTE MANAGEMENT

Is waste equal waste? Not at all. In this course you will discover how waste can function as a valuable resource for various other products, either for your own use or to market them. SAT will show you how to get the most out of organic as well as inorganic waste.

Skills You will Acquire:

- Appropriate value addition technologies
- Appropriate technologies for rural development
- Multi-storey/portable garden making
- Organic compost (Bio-fertilizer) making techniques using market garbage
- Charcoal making using waste (Briquettes, char)
- Organic agriculture and livestock management practices
- Effective Microorganisms (EM) Technologies in organic agriculture.



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 500,000/= per participant,

TRAINING OF TRAINERS (TOT)

You want to become a successful facilitator in agriculture? We build up your capacity to work in the field and give your best to your participants. Let us help you bring out your full potential for a trainer or facilitator.

Skills You will Acquire:

- Design a training session using a combination of different methods: We use a broad set of Participatory Rural Appraisal (PRA) methods like mapping, ranking, role play, river code, cloud dreamer, PowerPoint presentation, group formation, dynamics and management
- Learner centred methodology
- Adult learning and facilitation methods
- Bolts and nuts in facilitation
- Power factors for a facilitator
- Do oral questioning – Art of a powerful question

PERMACULTURE DESIGN COURSE (PDC)

We are proud to introduce our Permaculture Design Course (PDC), which is an internationally recognized, minimum seventy-two-hour course (two weeks) resulting in a Permaculture Design Certificate. It provides an introduction to permaculture design as set forth by movement founder Bill Mollison.

Skills You will Acquire:

- Apply design aspects as well as maintain a cultivated ecology in tropical and dryland climate areas
- Application of design principles and methods for permaculture
- Understand patterns in nature
- Planning for water, soils and earth-works
- Application of permaculture techniques and strategies in the different climatic types
- Aquaculture



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 450,000/= per participant

ATTRACT YOUTH IN AGRICULTURE CAMP

Is farming a lucrative business worth investing in for young people? Yes, of course, we say! Through a youths centred approach, this one week long course will train participants in sustainable agricultural practices and life skills and show how farming can be an attractive business for the youth.

Skills You will Acquire:

- Establishment of vegetable gardens in rural and urban areas
- Establishment of tree nurseries
- Entrepreneurship
- Saving and lending in groups
- Soap making (liquid and bar soap)
- Food processing and value addition
- Useful life skills
- Waste management
- Sports and recreation



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 250,000/= per participant,

FOOD PROCESS AND VALUE ADDITION

Processed and value-added products fetch a higher price, can be stored for a longer time and need less space. It is made to cater for farmers, small and medium enterprises and those who would like to venture into food processing and value addition

Skills You will Acquire:

- Food processing and value addition basics
- Hygiene and sanitation in food processing
- Standards for food processing
- Sorting and grading of fruits and vegetables
- Preparation of fruits and vegetables for processing
- Production of fruit marmalade (jam)
- Production of peanut flour and peanut butter
- Solar drying of fruits and vegetables
- Packaging and packaging material
- Branding and labelling



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Training Fee: TZS 300,000/= per participant,



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ENTREPRENEURSHIP & AGRIBUSINESS DEVELOPMENT

Are you interested in starting a successful agribusiness? If yes, in our course you will gain the necessary knowledge and skills to develop business plans and to ensure the productivity of your farm with appropriate farm management plans. After the five days of training you are able to develop your own enterprise with potential for growth and funding.

Skills You will Acquire:

- Business skills identification
- Business plan preparation
- Marketing
- Capital and sources of business financing
- Product development
- Branding and packaging
- Aquaculture
- Financial management
- Farm literacy
- Income design
- Leadership
- Business accounting and record keeping
- Customer care

ORGANIC SPICE PRODUCTION

The demand for organic spices is shooting up worldwide and is expected to double within the next five years. On top of that, spices yield the highest profits (up to 70%) among organic products. For spice farmers, this is indeed a very promising perspective. This course prepares you to meet the standards of the organic market for cinnamon, black pepper, cloves, turmeric, and ginger.

Skills You will Acquire:

- set up and manage a nursery
- transplant seedlings
- plant spices in beneficiary combinations with other crops (multi-cropping system)
- take care of your spice field
- harvest orderly and correctly
- grade, dry and store your spices adequately



Facilitators: SAT Facilitators
Venue: SAT Training Centre in Vianzi (approx. 20km from Morogoro city)

Training Fee: TZS 350,000/= per participant



SAT Farmer Training Center

New Courses are in Development

Group Dynamics & Leadership

Agroecology & Intergrated Farming system

Conflict Management & Resolution in the community

Natural Resource Management

Sustainable Land Management

Renewable Energy(Solar & Biogas)

Participatory Guarantee System

Contact at info@kilimo.org incase you want tailor made solution



SUSTAINABLE AGRICULTURE TANZANIA
SOLUTIONS FOR A BETTER FUTURE

Sustainable Agriculture Tanzania (SAT) is a vibrant association in networking, promoting, advocating, undertaking and facilitating sustainable agriculture through research, dissemination and application. SAT aims at providing appropriate information and guidance to farmers on technologies, innovations and practises that improve food security in a sustainable, socially, economically and environmentally friendly manner.

SAT Training center was officially opened on 14th September 2013 and has run a series of 66 Trainings which were attended by over 3000 participants from Tanzania, Malawi, Kenya and European countries. The evaluation and feedback from the participants has been encouraging and makes it possible to improve on the quality of services offered by SAT.

For 2021 we have interesting courses which range from organic agriculture basic, intermediate and animal production to food processing, waste management and entrepreneurship. Screen house and drip irrigation farming will be introduced at the training centre for learning and demonstration.

We are hosting trainings for farmers, youth, extension and field officers, NGO workers and the community at large on organic and sustainable agriculture theory and practice.

General provisions

Qualifications: Our courses are designed to cater for all sorts of participants (from the individual without any agricultural knowledge or background to the farmer with years of experience and to the university graduate). Our courses are both theoretical and practical, the theoretical part is about 30% and the practical part about 70% therefore be prepared for working with your hands.

Payment of the fee: In advance (except by special arrangement) to SAT in Morogoro. If you want to pay in foreign currency please contact Janeth Maro for current exchange rates.

If you sponsor a participant, please pay the fee in advance into the account that you will be given. Please inform your sponsored participant(s) that SAT will not pay any transport costs or “allowances”, also known as “per Diem”.

We also organize tailor made courses for organizations and groups depending on needs and requirements. Contact us for any special requests for courses.

Our training approach is based on training and mentorship by master trainers and our practical experience of more than 7 years working directly in the field of organic and sustainable agriculture is an added advantage. All courses are taught in swahili.