

COMPANY PROFILE



SEED2HARVEST

BRINGING GROWTH IN AGRI

A world where every farmer, regardless of location or size, has the resources and knowledge to thrive in harmony with nature, aiming to improve productivity, preserve soil health, and promote food security. We champion regenerative and sustainable farming practices, are committed to fostering long-term soil fertility in agriculture, and support communities to build a future both, financially sustainable and environmentally responsible. Together, we will cultivate growth, harvest prosperity, and sow the seeds for a better tomorrow.



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COMPANY OVERVIEW

Seed 2 Harvest is an innovative and purpose-driven agricultural inputs and farmer support company founded by **Shaun Cairns**, with operations in **South Africa, Lesotho, Namibia and Zambia**. Our vision is to transform farming systems across Africa by equipping farmers with the tools, knowledge, and resources they need to farm more **sustainably, profitably, and productively**.

We offer **affordable, organic, and climate-smart agricultural solutions** that support farmers from **seed to harvest**, helping them increase yields, improve soil health, reduce input costs, and ultimately achieve greater profitability. Our commitment to **food security, soil regeneration, and smallholder empowerment** drives everything we do.



Partnering with Farmers to Transform Africa's Agriculture

In South Africa and Africa, Seed 2 Harvest is a beacon of sustainable agriculture, working to improve soil fertility, plant health, and local food production. With a strong base of trained farmers, the company provides organic inputs, soil enhancers, and biological pest management products that restore degraded soils and build resilience into farming systems.

Seed 2 Harvest operates from the understanding that healthy soil is the foundation of food security. Our mission is to rebuild soil biology and structure — tackling one of the root causes of low productivity in the country. Through farmer education, we empower growers to understand the biology, chemistry, and physics of their soils, enabling them to make informed, sustainable decisions for long-term success.

We are not just suppliers of inputs — we are **partners in transformation**, walking with farmers from **seed to harvest**, and planting the seeds of a **resilient, food-secure Africa**.

MEET THE FOUNDER – SHAUN CAIRNS

As Founder and CEO of Seed 2 Harvest South Africa, Shaun Cairns brings over 20 years of experience in organic farming and sustainable agriculture. Shaun Cairns began his agricultural journey in the Western Cape, South Africa, where he developed extensive expertise in farm management, crop cultivation, and supply chain logistics. His passion for promoting healthy, organic living has driven his work across borders, expanding his impact throughout Southern Africa. With a strong background in agricultural input supply, Shaun brings in-depth knowledge of certified seeds, farming implements, organic and synthetic fertilizers, and bio-stimulants. His practical experience and technical insight enable him to effectively guide farmers toward tailored input solutions that boost crop yields, restore soil health, and advance sustainable, regenerative farming systems. He possesses strong skills in business development, project management, product innovation, and agricultural training. His leadership is results-driven, focused on problem-solving and empowering teams and communities.

Under his leadership, Seed 2 Harvest has expanded into Lesotho, Namibia, and Zambia, supporting small-scale farmers with sustainable, profitable farming solutions that enhance food security and environmental resilience.

Committed to sustainability, agroecology, and food sovereignty, Shaun continues to drive innovation and foster partnerships that empower farmers and communities across Africa to build resilient, financially sustainable, and environmentally



LESOTHO TEAM – MAPALESA MOTHOKHO

Mapalesa is a seasoned agricultural expert with over 30 years of experience, underpinned by academic training from both local and international institutions. Her career began as an Extension Officer and rose to senior leadership, including Director of Crop Services and service in the Office of the Honourable Minister in Lesotho's Ministry of Agriculture.

This extensive experience has equipped her with deep insight into national food security policies and the practical challenges faced by farmers. As Co-Founder of Seed 2 Harvest Lesotho, Mapalesa leads market development and farmer engagement, offering organic solutions such as soil enhancers and eco-friendly pesticides.

Her passion lies in restoring soil health—one of the key barriers to productivity in Lesotho. Under her leadership, Seed 2 Harvest works across all ten districts, supporting a growing network of trained farmers committed to sustainable, science-based agriculture.

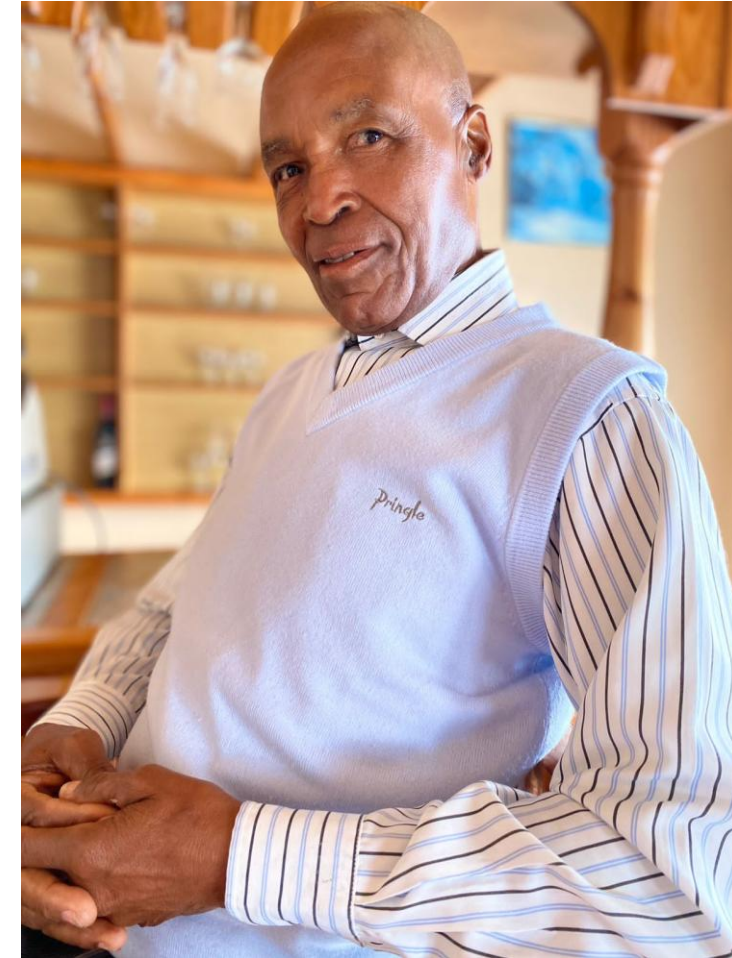
Mapalesa continues to drive the company's mission of transforming food security from the ground up—empowering farmers from seed to harvest.



LESOTHO TEAM—JEREMANE JOCKEY

Jeremane Jockey co-founder of Seed 2 Harvest, is a committed farmer from Mohlakatuka village, Maseru District, with over 10 years of experience in sustainable and organic agriculture. Having worked across all ten districts of Lesotho, he draws on deep traditional knowledge and rich soils to prioritize soil health, biodiversity, and natural pest control, avoiding synthetic chemicals in both crop and sheep farming.

In his role as the lead consultant for local farmers, Jeremane oversees organic trials and supports the adoption of sustainable farming practices. To improve produce quality and reduce waste, he recently expanded into packaging, ensuring fresh, well-presented products for local markets. As an advocate for climate-smart agriculture, he promotes farming in harmony with nature to support food security and environmental resilience. Jeremane also mentors farmers and youth, encouraging sustainable practices to build a stronger, more sustainable future. Beyond farming, he takes pride in mentoring fellow farmers and youth in community, sharing his experiences and encouraging the adoption of sustainable agricultural practices. He believes that when we farm with care and intention, we grow more than crops—we grow a better future



LESOTHO TEAM– MAREALEBOHA BOUTU

Marealebo Ha Boutu is a meteorologist, climate change specialist, and aspiring commercial farmer committed to environmental sustainability and food security. With extensive experience in climate science and services, she supports communities and governments in adapting to climate change, particularly in agriculture, water, and disaster risk reduction.

As co-founder of Seed 2 Harvest, Marealebo integrates climate-smart and organic farming to empower local communities. She combines scientific knowledge with traditional practices to improve productivity while protecting the environment.

Passionate about bridging science and practice, she mentors farmers, policymakers, and youth to navigate climate challenges and foster resilient futures.



OUR VISION



"To empower farmers across South Africa and Africa with innovative, sustainable agricultural solutions, driving food security, resilience, and profitability, while becoming a leading force in transforming agriculture through high-quality organic inputs and cutting-edge technology."



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OUR MISSION



To establish one household, one food garden in as many communities as possible integrating a sustainable agricultural community.



To create widespread awareness of good health, nutrition and food security and enabling people from all walks of life to grow their own fresh produce using innovative and affordable products and growing systems, contributing to household hunger, and building food sovereignty in villages, towns, and cities.



Empower communities to achieve food sovereignty making organic and biological products accessible to all, promoting a healthier environment and well-being.



Foster a culture of social cohesion, education, and innovation in agriculture.



OUR RATIONALE

Many disadvantaged communities in Africa face ongoing challenges with consistent access to nutritious food and are often dependent on purchased supplies. While global food production is sufficient to meet current caloric needs, access to safe and nutritious food remains uneven. Over 795 million people globally suffer from inadequate nutrition, and more than 2 billion experience micronutrient deficiencies.

As the global population is projected to grow from 7.4 billion to over 9 billion by mid-century, the food security crisis is expected to intensify. The agri-food system is under increasing pressure to ensure secure, safe, and nutritious food supplies for a growing population with changing dietary needs, all while reducing its environmental impact. Currently, food systems account for nearly one-third of global greenhouse gas emissions.

To address these urgent challenges, Seed 2 Harvest is committed to empowering vulnerable communities by equipping them with practical knowledge, skills, and access to affordable fresh produce. Our approach promotes self-sufficiency, improved nutrition, and better health outcomes.

We advocate for a green circular economy, one that minimizes waste, optimizes resource use, and promotes healthy, sustainable food choices. Through education, innovation, and community-based solutions, we aim to transform food systems to be more inclusive, climate-resilient, and nutritionally sound ensuring that both people and the planet can thrive.



OUR CORE FOCUS



**REGENERATIVE
AGRICULTURE**



WATER EFFICIENCY



**GREEN CIRCULAR
ECONOMY**



**SOIL CARBON
SEQUESTRATION**



**IMPROVED SOIL
HEALTH**



**CLIMATE SMART
AGRICULTURE**

BUSINESS GROWTH DRIVERS

ECOLOGY AND CROP HEALTH

INNOVATION

IMPROVED HEALTH & NUTRITION

FOOD SECURITY & SOVEREIGNTY

ECONOMIC EMPOWERMENT & JOB CREATION

PROMOTING ENVIRONMENTAL SUSTAINABILITY

CAPACITY BUILDING & MENTORSHIP

ALIGNING WITH GLOBAL SUSTAINABILITY GOALS



OUR VALUE PROPOSITION

We provide affordable, climate-resilient inputs like organic seeds, fertilizers, organic and biological crop protection. Through innovative supply and distribution solutions, we offer farmer support, soil testing, training, and in-person and on-line advisory services.

Our focus on sustainable farming promotes regenerative practices, water conservation, and agroecology. With Direct Market Access, we connect farmers to buyers for fair pricing.



STRATEGIC OBJECTIVES



- 🌱 **FOOD SOVEREIGNTY**
- 🌱 **FOOD SECURITY**
- 🌱 **JOB CREATION**
- 🌱 **INCOME GENERATION STRATEGIES**
- 🌱 **INTER-GENERATIONAL SKILLS TRANSFER**
- 🌱 **SOCIAL RESPONSIBILITY TO DISADVANTAGED COMMUNITIES**
- 🌱 **ENVIRONMENTAL AWARENESS**
- 🌱 **IMPROVED FAMILY NUTRITION**
- 🌱 **CONSUMER AWARENESS AND QUALITY ASSURANCE SYSTEMS**

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SUSTAINABLE DEVELOPMENT GOALS

Our climate-resilient inputs, smart farming solutions, and community-driven agricultural programs align with key Sustainable Development Goals (SDGs), driving sustainable development within the agricultural circular economy. By integrating social empowerment, environmental sustainability, and economic resilience, we create a holistic approach that supports farmers, enhances food security, and promotes long-term ecological balance.



OUR PRODUCTS



SEED2HARVEST
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We offer affordable, innovative, and sustainable farming solutions and products, designed to increase yields build soil fertility, reduce costs, and improve crop quality for farmers.



WATER SAVING GEL





SEED2HARVEST

BRINGING GROWTH IN AGRICULTURE



PRODUCTS

BENEFITS

HOW IT WORKS



- Improves root development and soil fertility.
- Increases nutrient uptake and efficiency.
- Enhances plant growth, flowering, and fruit quality.
- Boosts crop yields and resilience to stress.

- Stimulates beneficial soil microbes, enhancing soil health and structure.
- Delivers bioavailable NPK, micronutrients, amino acids, and peptides directly to the plant.



- A natural, eco-friendly product
- Increases chlorophyll and sugar content of crop thereby improving its yield and quality
- Increase Brix
- Enhances the natural resistant mechanisms of crops

- Contains natural plant extracts that act like plant hormones or biostimulants, triggering growth and stress tolerance responses in plants



- Improves soil structure and moisture retention.
- Safe for the environment, beneficial insects, and humans.
- Promotes stronger root development and plant growth.

- Microbes fix atmospheric nitrogen into forms plants can use, reducing fertilizer needs.
- Stimulates natural plant defenses, making crops more resilient to stress and infection.



- Accelerates the breakdown of organic matter in soil and compost.
- Supports sustainable farming by reducing reliance on chemical fertilizers.
- Increases moisture retention and aeration in the soil.

- Helps recycle nutrients from post-harvest residues, reducing waste and preparing soil for the next planting.
- Enhances soil structure by increasing organic matter content and microbial biomass,



- Supplies essential minerals and trace elements to enrich soil fertility.
- Improves soil structure, increasing aeration and water retention.
- Enhances nutrient holding capacity, reducing nutrient loss through leaching.

- Biochar's porous structure provides shelter and habitat for beneficial microbes and soil organisms.
- Rock dust slowly releases minerals that are vital for plant nutrition and microbial metabolism.



SEED2HARVEST

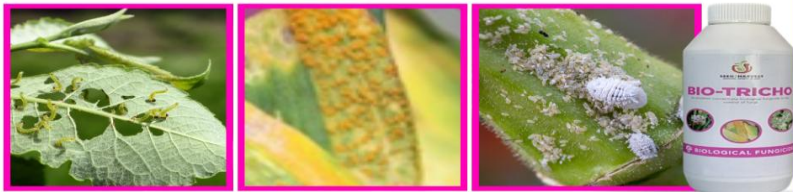
BRINGING GROWTH IN AGRI



PRODUCTS

BENEFITS

HOW IT WORKS



- Promotes root development and improves nutrient uptake.
- Reduces dependence on chemical fungicides.
- Improves plant resilience to environmental stress and disease pressure.

- Trichoderma colonizes the root zone, forming a protective barrier around roots.
- Competes with harmful fungi for space and nutrients, effectively starving and displacing them.



- Naturally controls harmful nematodes that damage crop roots
- Reduces crop losses caused by nematode infestations.
- Non-toxic to humans and animals.
- Enhances soil biological activity and fertility.

- Microbes colonize the soil and roots, creating an environment hostile to nematodes.
- Helps restore healthy soil microbial balance, reducing nematode damage over time.



- Reduces reliance on chemical pesticides
- Enhances soil microbial activity and resilience
- Fast-acting pest control
- Long-lasting effect

- Bio-Insek contains natural fungi spores that stick to insect skins.
- Fungus multiplies inside the insect, weakening and killing it in 4–10 days



- Enhances plant health and boosts resistance to stress and diseases.
- Helps prevent fungal diseases like powdery mildew and black spot.
- Biodegradable and leaves no harmful residues on crops.

- Acts as an insect repellent and feeding deterrent.
- Inhibits fungal spore germination and growth on plant surfaces.
- Breaks down quickly in sunlight, minimizing environmental impact.



- Breaks down quickly under UV light; residues do not persist
- Targeted pest control
- Broad-spectrum, contact insecticide derived from pyrethrins

- It penetrates the spiracles, damaging cell membranes in the cuticle and leading to death.
- The formulation is designed to allow partial insect recovery from narcosis, encouraging them to leave hiding places.

OUR SERVICES

FERTILIZER AND CROP PROTECTION ACCESS SOLUTIONS



Offering a convenient, cost-effective way for farmers in remote areas to access essential agricultural inputs, including eco-friendly fertilizers and pest control solutions..

DIRECT MARKET ACCESS PROGRAMME



Connecting farmers with local markets and buyers to secure fair prices for their produce, reducing reliance on middlemen and increasing farmer revenue.

SOIL TESTING & LAND PREPARATION SUPPORT



Offering a convenient, cost-effective way for farmers in remote areas to access essential agricultural inputs, including eco-friendly fertilizers and pest control solutions..

CLIMATE-SMART PRACTICES



Offering training on sustainable farming practices, including regenerative agriculture, climate-smart farming techniques, and agroecology.

FARMER SUPPORT & EXTENSION SERVICES



Comprehensive support for farmers through training programs, mobile/e-commerce platform advisory services, and on-field demonstrations to enhance their farming techniques and knowledge of sustainable practices.

FARM MANAGEMENT & BESPOKE AGRI-BUSINESS TRAINING



Providing tailored farm management training and workshops that cover aspects such as budgeting, crop rotation, organic farming practices, and business skills for improved farm profitability.

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**Changing lives and
impacting communities**

OUR CORE PROGRAMS

OUTDOOR CLASSROOM



An outdoor classroom is an environment where learners in schools can develop Agri skills and increase their passion for growing organic food. An environment that they can acquire skills, breaching the intergenerational skills gap and growing fresh healthy nutritious organic food which can be used in the schools' feeding schemes or sold to the local community around the school.

AGROECOLOGICAL HOUSEHOLD FOOD GARDENS



Promoting household food security is a powerful catalyst for changing lives and strengthening communities. By focusing on improving family nutrition, we not only enhance individual well-being but also alleviate the strain on public feeding programs. This approach ensures that families have consistent access to nutritious food, reducing their dependency on external assistance and fostering greater self-sufficiency.

COMMUNITY AGROECOLOGICAL GARDENS



Community Agroecological Gardens are collaborative farming initiatives that bring together local communities to promote sustainable and resilient agricultural practices. These gardens focus on the integration of ecological principles in food production, combining traditional knowledge with modern agroecological techniques. The goal is to enhance local food security, increase biodiversity, and create a space for education and empowerment.

OUR CORE TRAINING MODULES

NATURAL FARMING 101



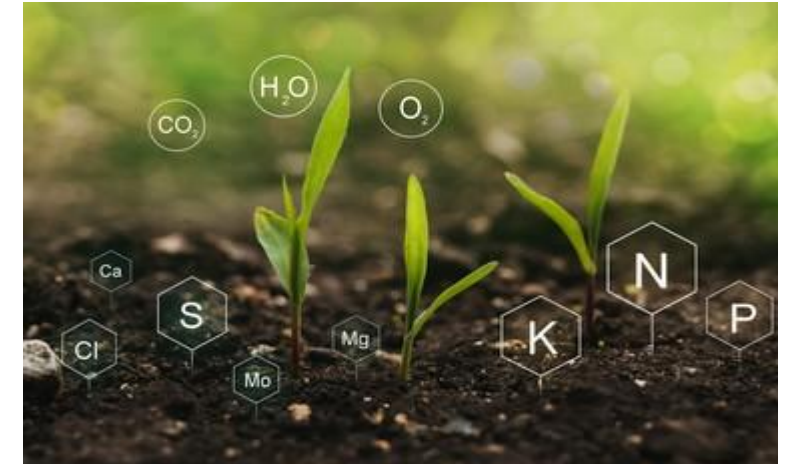
The Natural farming 101 training course will demonstrate a agrarian system that utilizes locally sourced natural inputs, emphasizes cost-effective techniques, promotes biodiversity for resilient ecosystems, prioritizes soil health, and encourages knowledge sharing among farmers to enhance agricultural practices. In this course you discover everything you need to know to go completely organic, boost quality and yield, make all-natural fertilizer, pesticide and microorganism inputs yourself.

ORGANIC MASTER CLASS



The Organic Masterclass aims to deepen participants' understanding of Understanding organic farming involves exploring what it means to farm organically and why it's beneficial. To start an organic garden, one must focus on soil preparation, sowing seeds, and comprehending soil life and structure. Adopting a holistic approach to organic agriculture includes learning about the living compost layer, integrated pest management, and fertilization.

INTERGRATED SOIL HEALTH AND PLANT NUTRITION



This course is a comprehensive approach to optimizing both soil quality and plant nourishment. This training focuses on understanding the crucial relationship between healthy soil ecosystems and effective nutrient management, equipping participants with the knowledge and skills needed to enhance plant growth, improve crop yields, and ensure sustainable agricultural practices. By integrating these aspects, the training aims to create a more balanced and productive growing environment.

OUR TRAINING MODULES

DISCOVERING WILD EDIBLES



GROWING HYDROPONIC FODDER



Hydroponic fodder training educates individuals on growing animal feed using nutrient-rich water systems instead of soil. This method is particularly valuable in contexts where traditional farming is impractical due to limited space, poor soil conditions, or climatic challenges. Participants will learn hydroponics principles, system setup and maintenance, crop selection, and growth optimization techniques. The aim is to equip them with the skills to produce high-quality, efficient, and sustainable fodder, enhancing feed availability and reducing reliance on traditional sources.

HOME CANNING AND FOOD PRESERVATION



This training program teaches essential skills for safe home food preservation, covering water bath and pressure canning, freezing, drying, and fermenting. Key topics include food safety, canning tools, hands-on preparation, recipe adaptation, and storage best practices. The goal is to empower participants to preserve food confidently, reduce waste, and enjoy home-cooked meals year-round.

Discovering wild edibles is a hands-on foraging workshop " participants will explore local ecosystems and dive into the wild to learn how to identify, harvest, and enjoy nutrient-rich, wild foods. This immersive experience blends adventure with practical skills, transforming the way you connect with your environment and your plate. This interactive session covers safety, identification techniques, and preparation methods, empowering attendees with practical skills to source and use wild foods sustainably, unlocking the secrets of nature's pantry.

OUR TRAINING MODULES

INTRODUCTION TO PERMACULTURE



This training course provides an overview of permaculture principles and practices for creating sustainable ecosystems. Participants will learn about core ethics, design techniques for resilient landscapes, soil health improvement, effective water conservation, and the integration of plants and animals. Through theory, hands-on activities, and discussions, participants will acquire the skills to apply permaculture concepts to their projects, fostering ecological balance and sustainability in their communities.

VERMICULTURE 101



This introductory course provides participants with the foundational knowledge and skills needed to start a successful vermiculture venture. Covering key topics such as worm biology, composting techniques, and soil enrichment, participants will learn how to cultivate earthworms effectively and use them to enhance soil health and sustainability. Including how to construct a worm farm, discovering the benefits of vermiculture for gardening and waste reduction, empowering you to contribute to a greener future.

HERB MASTERY: CULTIVATING AND UTILIZING NATURE'S FLAVORS



The "Herb Mastery: Cultivating and Utilizing Nature's Flavors" course teaches participants to grow a variety of herbs and use them in cooking and wellness. Key topics include herb selection, cultivation techniques, culinary applications, medicinal properties, and preservation methods. Participants will gain the skills to create their own herb gardens and enhance their culinary and wellness practices.

OUR TRAINING MODULES

AGRIBUSINESS: RECORDKEEPING



This course focuses on teaching individuals how to systematically and accurately maintain various records related to their business or operations. This training typically covers best practices for documenting financial transactions, inventory, operational procedures, and other critical data. The objective is to ensure that participants understand how to keep comprehensive and organized records, which are essential for effective management, regulatory compliance, financial analysis, and decision-making in their respective fields.

GROWTH ACCELERATOR



The Seed 2 Harvest Growth Accelerator course for entrepreneurs is a structured program aimed at rapidly scaling businesses and empowering entrepreneurs with the skills and mindset needed to drive innovation in their ventures. covering key topics like business strategy, market analysis, sales and marketing, financial management, networking, and leadership. These courses include mentorship, workshops, and practical exercises to equip entrepreneurs with essential growth tools and insights. A program designed to spark creativity and foster innovative thinking in business.

AGRIPRENEURSHIP



Agripreneurship merges agriculture and entrepreneurship, emphasizing innovative practices to boost food production, sustainability, and rural development. It encourages farmers to adopt entrepreneurial skills, use technology, and create value-added products while exploring niche markets and sustainable practices. Our Training covers business planning, financial management, marketing strategies, and tech integration in agriculture, aiming to foster entrepreneurial thinking and help participants build profitable agricultural ventures by blending traditional farming with modern business skills.

OUR LIVESTOCK TRAINING MODULES

CATTLE



This course aims to equip farmers with essential cattle farming skills:

1.Beginner

Basics of breed selection, feeding, housing, and health.

2.Advanced

Nutrition, disease prevention, breeding, and pasture management.

3.Commercial

Scaling, profitability, market access, and sustainable practices.

SHEEP



This course equips farmers with the skills to succeed in sheep farming at any level:

Beginner

Learn the basics of sheep farming, including breeds, feeding, housing, and health management.

Advanced

Improve efficiency with in-depth training on nutrition, disease prevention, breeding, and flock management.

Commercial

Master large-scale operations with strategies for scaling, wool/meat production, market access, and advanced genetics.

GOAT



This Goat Farming Course is offered in three levels:

1.Beginner: Learn the basics of goat farming, including goat breeds, basic health management, nutrition, and simple breeding techniques.

2.Advanced: Dive deeper into advanced health management, nutrition, breeding techniques, and sustainable farming practices for more experienced farmers.

3.Commercial: Focus on running a profitable goat farm, including farm management, large-scale breeding, marketing products, and navigating regulations.

**"Rooted in Care:
Nurturing Growth
from the Ground Up"**




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