



PERTECNCA'S

NATURAL FARMING

TRAINING

BROCHURE



Practical training



Post training assistance

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NATURAL FARMING TRAINING

The Natural Farming Training program is designed to educate participants on the principles and practices of natural farming, which emphasizes working with nature to cultivate crops without relying on synthetic inputs. This course covers soil health, natural fertilization, pest management, and crop diversity, promoting sustainability and environmental stewardship. Ideal for farmers, agriculture enthusiasts, and those looking to transition to more sustainable farming practices.

What you'll learn?

- Principles and philosophy of natural farming
- Techniques for enhancing soil fertility using natural methods
- Natural pest and disease control strategies
- Crop diversity and polyculture practices
- Water conservation and management in natural farming
- The role of livestock in natural farming systems
- How to start and manage a natural farm
- Market opportunities for natural farm products

Course summary:

This training program provides a comprehensive understanding of natural farming, emphasizing the importance of ecological balance and sustainability. Participants will learn to work harmoniously with nature to create self-sustaining farm ecosystems that produce healthy crops without the use of chemical fertilizers or pesticides.

- Deep understanding of natural farming principles
- Skills in soil fertility enhancement using natural methods
- Expertise in natural pest and disease management
- Knowledge of crop diversification and polyculture techniques
- Practical experience in water conservation and sustainable irrigation
- Insights into market trends and opportunities for natural farm products

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Course syllabus:

Module 1: Introduction to Natural Farming

- Philosophy and principles of natural farming
- History and evolution of natural farming methods
- Benefits of natural farming for the environment and human health
- Comparison with organic and conventional farming methods

Module 2: Soil Health and Natural Fertilization

- Importance of soil health in natural farming
- Techniques for building and maintaining fertile soil without chemicals
- Using compost, green manure, and other natural amendments
- Understanding and enhancing soil biodiversity

Module 3: Natural Pest and Disease Management

- Principles of natural pest and disease control
- Use of beneficial insects, birds, and animals for pest control
- Preparation and application of natural pest repellents
- Crop diversity and rotation as pest management strategies

Module 4: Crop Diversification and Polyculture

- Importance of crop diversity in natural farming
- Designing and implementing polyculture systems
- Companion planting and its role in farm health
- Managing crop rotations to maintain soil and plant health

Module 5: Water Conservation and Management

- Sustainable water use in natural farming
- Techniques for water conservation: mulching, drip irrigation, rainwater harvesting
- Managing water resources to prevent soil erosion
- Integrating water-saving practices into farm planning

Module 6: Livestock Integration in Natural Farming

- Role of livestock in enhancing farm fertility
- Managing livestock for nutrient cycling and soil improvement
- Integrating animals into crop systems for mutual benefit
- Practical training on using livestock in natural farming

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Module 7: Setting Up a Natural Farm

- Planning and designing a natural farming system
- Steps for transitioning from conventional to natural farming
- Choosing crops and livestock suited to natural farming
- Developing a farm plan that balances productivity and sustainability

Module 8: Marketing Natural Farm Products

- Identifying market opportunities for natural farm products
- Building a brand around natural and sustainable farming
- Strategies for direct marketing and value addition
- Connecting with consumers who value natural and sustainable produce

Module 9: Practical Training in Natural Farming

- Field exercises in natural soil preparation, planting, and crop management
- Real-time pest and disease management using natural methods
- Hands-on experience in water conservation practices and livestock integration
- Practical sessions in crop diversification and polyculture design

Module 10: Real-Time Projects in Natural Farming

- Developing a natural farm plan from soil preparation to harvest
- Project on integrating livestock into a natural farming system
- Market analysis and business planning for natural farm products
- Implementation of a sustainable water management plan on the farm

Module 11: Evaluation and Certification

- Final assessment through practical demonstrations and project presentations
- Evaluation of participants' understanding and application of natural farming practices
- Certification of completion, emphasizing expertise in natural farming techniques

Practical training:

- **Soil Fertility Management:** Practical training on using organic matter and natural amendments to build soil health.
- **Natural Pest Control:** Hands-on experience in preparing and applying natural pest control solutions.
- **Water Conservation:** Implementing sustainable water management practices like mulching and rainwater harvesting.
- **Crop Planning:** Developing crop rotation and polyculture plans for increased farm resilience.
- **Livestock Integration:** Training on integrating livestock into natural farming systems for nutrient cycling.
- **Market Linkages:** Guidance on marketing natural farm products and connecting with consumers.

Career scope:

Upon completing the Natural farming training course, graduates can explore career opportunities in various sectors, including:

- Natural Farm Manager
- Sustainable Agriculture Consultant
- Soil Health Specialist
- Natural Farming Educator
- Agroecology Researcher
- Organic and Natural Product Marketer
- Permaculture Designer
- Farm Advisor
- Eco-farm Entrepreneur
- Sustainable Farming Instructor