

Farmingwave

3-Month Agronomist Internship Program

Transform your agricultural knowledge into industry-ready expertise through hands-on training at Krishi Dost Farm,

Petlawad (MP). A 12-week on-field practical program organized by Farmingwave designed to shape the next generation of skilled agronomists, agri-entrepreneurs, and farm managers.

ON-FIELD PRACTICAL

12 WEEKS

PETLAWAD, MP

Program Objective & Who Should Apply

This internship bridges the gap between academic learning and real-world farming. Participants gain practical expertise across four critical domains: hydroponics, protected cultivation, crop management, and farm business operations, preparing them for immediate impact in the agri-industry.



Hydroponics Farming

Master soilless cultivation systems used in modern commercial farms



Protected Cultivation

Learn polyhouse and greenhouse design, management, and operations



Crop Management

Hands-on agronomy practices from seed to harvest



Farm Business

Understand cost analysis, profitability, and market linkage strategies

Target Participants



Students

B.Sc / M.Sc Agriculture or Horticulture students seeking practical exposure



Fresh Graduates

Recent graduates looking to enter the agri-industry with confidence



Agri-Entrepreneurs

Aspiring or existing farm business owners wanting to scale operations



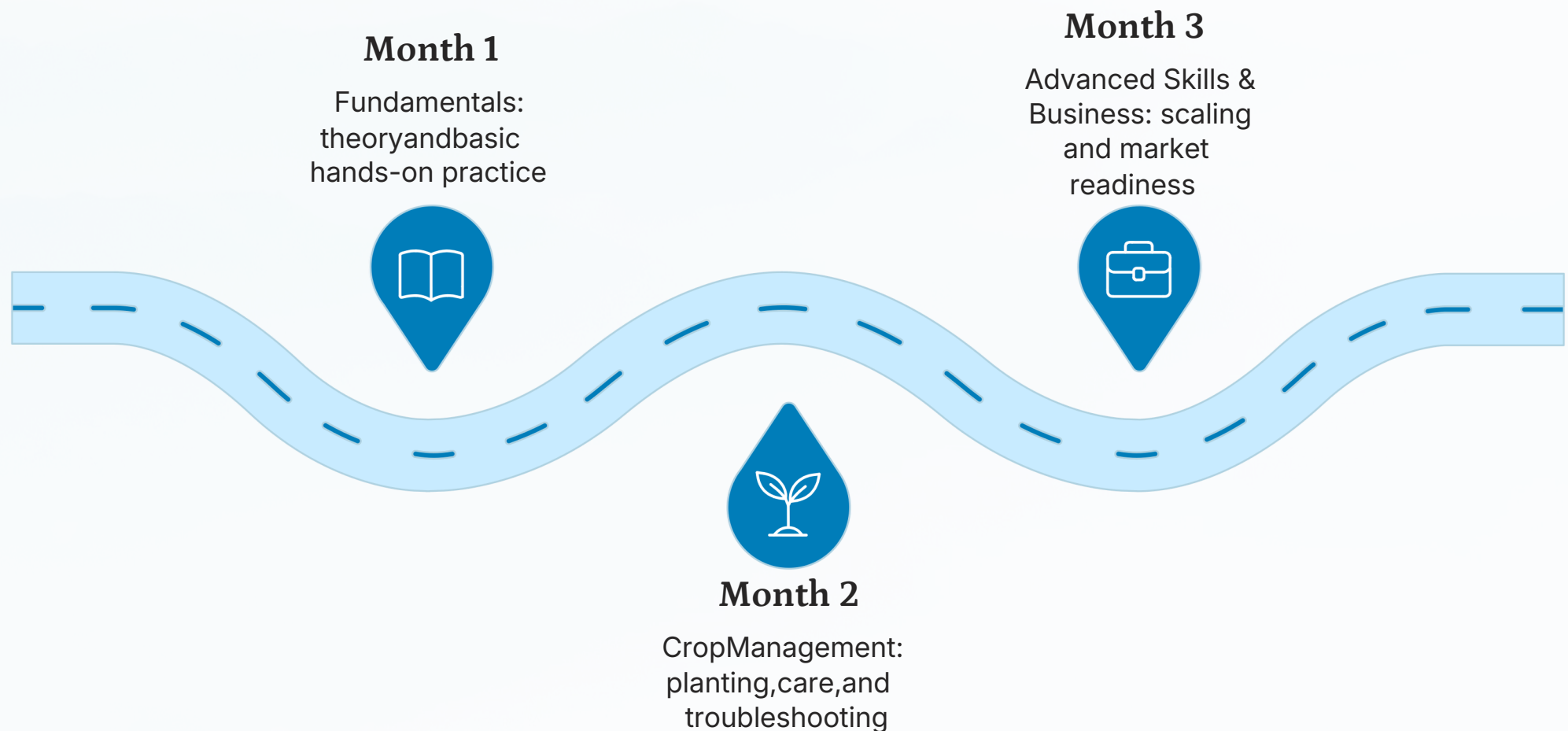
Farm Managers

Supervisors and managers seeking to upgrade technical skills

Program Structure Overview

The internship follows a structured blend of theory, practical training, assignments, and continuous evaluation ensuring every participant builds both conceptual understanding and hands-on competence throughout the 12 weeks.

1	2
Theory Fundamentals & core concepts delivered through structured classroom and field sessions	Practical On-field, hands-on farm training at Krishi Dost Farm every week
3	4
Assignments Weekly real problem-solving tasks based on actual farm scenarios	Evaluation Continuous skill-based assessment tracking progress throughout the program



Each month builds upon the previous, creating a clear progression from foundational knowledge to advanced farm management and business planning.

Month 1 4 Fundamentals of Modern Farming

The first month lays a strong foundation in modern farming technologies. Participants are introduced to hydroponic systems, polyhouse structures, growing media, and nursery management 4the building blocks of controlled-environment agriculture.

Topics Covered

- Introduction to Hydroponics & Protected Cultivation
- Types of Hydroponic Systems: NFT, DWC, Grow Bags
- Polyhouse Structure & Design Basics
- Growing Media: Cocopeat, Perlite, Rockwool
- Nursery Management & Seedling Production

Practical Training

- Nursery setup at Krishi Dost Farm
- Seed sowing & germination techniques
- Media preparation & tray management

Deliverables

- Nursery SOP Sheet
- Germination Tracking Report

Month 2 4 Crop Management & Agronomy

The second month dives deep into the science and practice of growing high-value crops. Participants work directly with Cucumber, Tomato, Capsicum, Lettuce, and Herbs 4 learning to manage nutrients, climate, pests, and crop health using data-driven approaches.

Topics Covered

- Crop Planning: Cucumber, Tomato, Capsicum, Lettuce, Herbs
- Nutrient Management: EC, pH, Fertigation
- Irrigation Scheduling
- Climate Management: Temperature, Humidity, VPD
- Pest & Disease Management using IPM strategies

Practical Training

- Nutrient solution preparation
- EC & pH monitoring in the field
- Scouting pests & disease identification
- Pruning, training & trellising techniques

Deliverables

- Crop-wise Fertigation Plan
- Pest Monitoring Report

Month 3 4 Advanced Farming & Business Skills

The final month elevates participants from skilled grower to farm business thinkers. Focus shifts to yield optimization, post-harvest handling, market strategies, and financial planning. Equipping interns to run or consult on profitable farm operations.

Yield Optimization

Strategies to maximize crop output and quality through precision farming techniques

Harvest & Post-Harvest

Proper harvesting, grading, and market-ready packaging practices

Market Linkage

Pricing strategies, market connections, and supply chain understanding

Business Planning

Cost analysis, profitability models, and farm project planning basics

✔ **Final Deliverables:** Complete Farm Business Plan + Final Project Presentation to industry experts

Tools & Skills You Will Master

Participants gain hands-on experience with industry-standard tools and develop analytical skills that are in high demand across the agri-sector. These competencies set graduates apart in the job market.



EC & pH Meter Handling

Precise measurement and management of nutrient solutions for optimal plant health



Climate Monitoring Tools

Use of sensors and data loggers to track temperature, humidity, and VPD



Crop Planning Sheets

Structured planning documents for scheduling, inputs, and resource management



Hydroponic System Management

Setup, operation, and maintenance of NFT, DWC, and grow bag systems



Data Recording & Farm Analytics

Systematic data collection and interpretation for evidence-based farm decisions

Evaluation Criteria & Certification

Performance is assessed continuously throughout the program, ensuring a fair and comprehensive evaluation of each participant's growth. The final certification reflects both attendance and demonstrated skill.

- Final Project
- Attendance & Participation
- Practical Performance
- Weekly Assignments

Certification Outcomes

Certificate of Completion

Issued by Farmingwave to all successful participants

Top Performers

Internship + Job Opportunity with recommendation letter based on performance

Training Highlights at Krishi Dost Farm

Krishi Dost Farm in Petlawad, MP serves as the live training ground for this program. Participants work directly on active farm operations, gaining exposure to diverse farming systems under real conditions.



Hydroponics Farm

Active cultivation of Cucumber, Lettuce, and Herbs in controlled hydroponic systems



Open Field Crops

Hands-on experience with Turmeric and Moringa in open-field settings



Nursery Operations

Full-cycle nursery management from seed sowing to transplant-ready seedlings



Solar Dehydration Unit

Exposure to post-harvest processing and value-addition technologies

12

Weeks of Training

Full immersion in on-field practical work

20-30

Participants Per Batch

Limited batch size for personalized attention

4

Core Skill Areas

Hydroponics, Agronomy, Climate, Business

Join Farmingwave & Launch Your Agri-Career

Become a skilled, industry-ready agronomist in just 90 days. This internship offers real farm exposure, direct mentorship from industry experts, and a clear path to employment or entrepreneurship in the growing agri-sector.

Real Farm Exposure

Train at a live, operational farm & not a classroom simulation

Expert Mentorship

Learn directly from experienced agronomists and farm managers

Job-Ready Skills

Graduate with practical competencies employers and investors value

Industry Network

Connect with Farmingwave projects and agri-industry professionals



Program Details: Duration: 3 Months (12 Weeks) | Location: Krishi Dost Farm, Petlawad, MP | Batch Size: Limited to 20330 participants | Mode: On-Field Practical

[Contact Us to Apply](#)

[Download Program Brochure](#)