

GOVERNMENT OF INDIA

Ministry of Agriculture & Farmers Welfare

GOVT SEAL

CERTIFICATE OF AGRICULTURAL TRAINING COMPLETION

Certificate No:	AGR-MFGJDMR9	Valid Until:	12/9/2028
Date of Issue:	12/9/2025	Place of Issue:	New Delhi

HEREBY CERTIFIED

That Shri/Smt. Nishant Sankar Swain, son/daughter of _____, resident of South West Zone, Bhubaneswar (M.Corp.), Odisha, holding Aadhaar Card No. 409941359362, has successfully completed the prescribed Agricultural Training Program for Potato Cultivation conducted under the Agricultural Subsidy Management System of the Government of India.

FARMER COMPLETE DETAILS

Full Name:	Nishant Sankar Swain
Father's/Husband's Name:	[Not provided]
Aadhaar Number:	409941359362
Mobile Number:	7978304877
Email Address:	[Not provided]
Complete Address:	South West Zone, Bhubaneswar (M.Corp.), Odisha
District:	[Not provided]
State:	[Not provided]

PIN Code:	[Not provided]
Land Area (acres):	2.3
Land Survey Number:	[Not provided]
Bank Account Number:	409912345
Bank Name & Branch:	[Not provided]
IFSC Code:	[Not provided]
Selected Crop:	Potato
Training Start Date:	12/9/2025
Training End Date:	12/9/2025

DETAILED TRAINING MODULES COMPLETED

Module 1: Step potato-1

Completed on: 12/9/2025

Title: Pre-Season Planning & Soil Preparation

Description: Scientific land preparation forms the foundation of successful potato cultivation. Proper soil health assessment and preparation ensures optimal growing conditions for high-yield potato production.

Training Content Covered:

1. Test soil pH (optimal range: 6.0-7.0) and adjust with lime if acidic
2. Analyze soil for nutrient deficiencies and organic matter content
3. Select appropriate potato variety based on climate and market demand
4. Deep plow field to break hard pan and improve soil structure
5. Apply and incorporate farmyard manure uniformly across the field
6. Create proper drainage channels to prevent waterlogging
7. Prepare raised beds or ridges for better drainage and aeration

Key Activities Completed:

- ' Conduct comprehensive soil health testing (pH, NPK, organic matter)
- ' Select certified disease-free seed potatoes (variety selection)
- ' Prepare land with deep plowing (20-25 cm depth)
- ' Apply organic matter (25-30 tons FYM per hectare)
- ' Install drainage system for waterlogging prevention

Module 2: Step potato-2

Completed on: 12/9/2025

Title: Seed Treatment & Planting

Description: Proper seed treatment and planting technique ensures uniform germination and healthy crop establishment. This critical phase determines the foundation for entire crop cycle.

Training Content Covered:

1. Cut seed potatoes 2-3 days before planting to allow wound healing
2. Apply fungicide treatment to prevent seed-borne diseases
3. Mark planting lines with proper row spacing (60cm apart)
4. Dig furrows 8-10cm deep for seed placement
5. Place treated seed pieces at 20cm intervals within rows
6. Apply recommended NPK fertilizer in furrows before covering
7. Cover seeds with fine soil and level the surface gently

Key Activities Completed:

- ' Cut seed potatoes into proper sized pieces (40-60g each)
- ' Treat cut seeds with fungicide (Mancozeb 2g/L) and dry
- ' Plant at optimal spacing (60cm x 20cm) and depth (8-10cm)
- ' Apply basal fertilizer as per soil test recommendations
- ' Ensure proper seed orientation (eyes facing upward)

Module 3: Step potato-3

Completed on: 12/9/2025

Title: Early Growth Management (0-30 days)

Description: Early growth phase management ensures uniform crop establishment and sets the stage for healthy plant development throughout the growing season.

Training Content Covered:

1. Check daily for germination starting from day 7 after planting
2. Maintain soil moisture at 70-80% field capacity
3. Replace missing plants with healthy seedlings if germination is poor
4. Apply 40kg nitrogen per hectare as first split dose
5. Scout fields regularly for early season pest damage
6. Remove weeds manually or with shallow cultivation
7. Document plant height and growth stage weekly

Key Activities Completed:

- ' Monitor germination and plant emergence (7-14 days)
- ' Apply first irrigation if soil moisture is insufficient
- ' Conduct gap filling with reserve seedlings if needed
- ' Apply first dose of nitrogen fertilizer (1/3 of total)

- ' Monitor for early pest attacks (cutworms, wireworms)

Module 4: Step potato-4

Completed on: 12/9/2025

Title: Vegetative Growth & Tuber Formation

Description: Critical phase for tuber initiation and development. Proper nutrition, disease management, and cultural practices determine final yield and quality.

Training Content Covered:

1. Conduct first earthing up at 30-35 days after planting
2. Apply 40kg nitrogen and 60kg potash per hectare
3. Spray copper-based fungicide for late blight prevention
4. Monitor for Colorado potato beetle and apply control measures
5. Maintain consistent soil moisture for optimal tuber development
6. Conduct second earthing up at 50-55 days after planting
7. Apply foliar micronutrient spray for healthy plant growth

Key Activities Completed:

- ' Conduct earthing up operations for tuber development
- ' Apply second dose of nitrogen and potash fertilizers
- ' Monitor and control late blight and other diseases
- ' Manage pest attacks (Colorado beetle, aphids)
- ' Ensure consistent irrigation during tuber bulking

Module 5: Step potato-5

Completed on: 12/9/2025

Title: Maturity & Harvesting

Description: Final phase focusing on optimal harvest timing and proper post-harvest handling to maintain tuber quality and maximize storage life.

Training Content Covered:

1. Check tuber maturity by rubbing skin - mature tubers have set skin
2. Stop irrigation when 75% of plants show yellowing
3. Harvest on clear, dry days to reduce disease risk
4. Use proper digging equipment to minimize tuber damage
5. Allow tubers to dry in field for 2-3 hours before collection
6. Grade tubers by size: small (<40mm), medium (40-60mm), large (>60mm)
7. Store in ventilated, dark storage at 4-6°C temperature

Key Activities Completed:

- ' Monitor plant senescence and tuber maturity indicators
- ' Stop irrigation 10-15 days before harvest

- ' Harvest tubers when skin is set and plants have dried
- ' Handle tubers carefully to prevent bruising
- ' Cure and grade potatoes for storage and marketing

TERMS AND CONDITIONS

1. This certificate is valid for a period of three (3) years from the date of issue and may be renewed upon successful completion of refresher training.
2. The certificate holder must maintain the prescribed training standards and implement the learned agricultural practices in their farming operations.
3. This certificate must be produced as mandatory documentation when applying for any government subsidy schemes or agricultural benefits.
4. The certificate is subject to verification by authorized government officials and may be audited for compliance with training requirements.
5. Any fraudulent use, duplication, or misrepresentation of this certificate will result in immediate cancellation and legal action under applicable laws.
6. The certificate holder agrees to participate in periodic follow-up surveys, monitoring visits, and evaluation programs conducted by the issuing authority.
7. This certificate does not guarantee automatic approval of subsidy applications, which remain subject to individual scheme eligibility and availability of funds.
8. All information provided during the training program must be accurate, verifiable, and supported by authentic documentation.
9. The issuing authority reserves the right to revoke this certificate if any discrepancies, violations, or non-compliance issues are discovered.
10. For any queries, clarifications, or grievances related to this certificate, contact the nearest Agricultural Extension Office or the District Collectorate.

DIGITAL VERIFICATION

Certificate Verification Details:

Unique Certificate ID: AGR-MFGJDMR9

Online Verification Portal: <https://agri.gov.in/verify-certificate>

QR Code: Scan for instant verification and authenticity check

SCHEME ELIGIBILITY

1. Rashtriya Krishi Vikas Yojana (RKVY)

Scheme Type:	State Government
Financial Benefit:	1 4 5 , 0 0 0
Eligibility Criteria:	Land 2-5 acres
Required Documents:	Land Ownership Certificate, Aadhaar Card, Income Certificate
Key Benefits:	

- 60% subsidy on farm equipment
- Irrigation infrastructure support
- Market linkage facilitation
- Storage subsidy up to 50%
- Technical training programs

2. Digital Agriculture Innovation Scheme

Scheme Type:	Private Partnership
Financial Benefit:	1 3 5 , 0 0 0
Eligibility Criteria:	Tech-savvy progressive farmers
Required Documents:	Digital Literacy Certificate, Progressive Farmer ID, Technology Adoption Agreement
Key Benefits:	

- Smart farming equipment subsidy
- Precision agriculture support
- Drone technology access
- AI-based crop monitoring
- Market price forecasting

3. Organic Farming Premium Support

Scheme Type:	State Government
Financial Benefit:	1 6 5 , 0 0 0
Eligibility Criteria:	Organic certification holders
Required Documents:	Organic Certification, Soil Test Report, Water Quality Certificate
Key Benefits:	

- Organic input subsidy 80%
- Certification cost reimbursement
- Premium market access guarantee
- Export facilitation support
- Organic brand development

4. Climate Resilient Agriculture Program

Scheme Type:	Central Government
Financial Benefit:	1 5 5 , 0 0 0
Eligibility Criteria:	Drought/flood prone areas
Required Documents:	Vulnerability Assessment Certificate, Disaster Damage Records, Climate Zone Classification
Key Benefits:	<ul style="list-style-type: none">• Climate-smart infrastructure• Drought-resistant variety seeds• Weather insurance coverage• Emergency support fund• Resilience building training

ISSUING AUTHORITY

Authorized Signatory
Training Officer
Agricultural Department

Authorized Signatory
OFFICIAL SEAL District Collector
(Government Seal)