



# **HANDBOOK FOR ICRO AMRIT INTERNSHIP PROGRAMME**

**JANUARY 2024**









## **IPL CENTRE FOR RURAL OUTREACH (ICRO)**

### **HANDBOOK FOR ICRO AMRIT INTERNSHIP PROGRAMME**

#### **INDEX**

<b>Sr. No</b>	<b>DETAILS</b>	<b>PAGE NO.</b>
<b>1.</b>	<b>FOREWORD</b>	<b>3</b>
<b>2.</b>	<b>INSTRUCTION TO AMRIT INTERN FOR THE RURAL OUTREACH PROGRAMME</b>	<b>5</b>
<b>3.</b>	<b>DETAILS OF ICRO AMRIT INTERNSHIP PROGRAMME</b>	<b>7</b>
<b>4.</b>	<b>HOW TO APPLY FOR THE INTERNSHIP PROGRAMME</b>	<b>12</b>
<b>5.</b>	<b>HOW TO ACCESS E- LEARNING COURSE</b>	<b>13</b>
<b>6.</b>	<b>TRAINING MODULE FOR AMRIT INTERNS</b>	<b>14</b>
<b>7.</b>	<b>QUESTIONNAIRE FOR DATA COLLECTION FROM FARMERS</b>	<b>20</b>



## Foreword

Agriculture is an important sector of the Indian economy employing the largest share of workforce and providing food and nutrition security to the nation. Agriculture sector in India has shown good growth during the pandemic which signifies its resilient nature. India faces the challenges of both increasing farm productivity & sustainability and adaptability to climate change. In wake of emerging challenges, we need to focus on sustainability through the food system and build long term resilience in the agri value chain resulting in improving farmers income.

Indian Potash Limited (IPL), a major player in multiple value chains and inputs, is steadfastly contributing and marching towards agrarian growth and farmers' prosperity in India. The dedicated field work of IPL has led to acceptance of potash across India which was unknown to Indian farmers earlier. IPL has a vast network and its services are being coordinated by 15 Regional Offices in various State capitals. This enables IPL to take any agri input or service literally at the doorstep of farmers in the six lakh villages across the country thereby contributing to their growth and development.

With an objective to foster rural outreach and capacity development of farmers and youth, IPL has joined hands with National Productivity Council (NPC), an apex organization established in 1958, under Ministry of Commerce & Industry, Government of India, to generate productivity awareness and consciousness across the country by providing solutions for improving productivity and competitiveness through different services, namely consultancy, training, action research, evaluation studies etc.

IPL and NPC have jointly established **IPL Centre for Rural Outreach (ICRO)** with the involvement and technical expertise of NPC as part of its Corporate Social Responsibility and have launched the **ICRO Amrit Internship Programme**. The Amrit Internship Programme is a unique internship programme for youth in the rural areas. The Amrit e-learning modules have been specially designed to give an overview of the agriculture scenario in the country with a focus on agriculture productivity and sustainability. The modules include useful and practical information of cropping practices, innovation technologies, schemes of Government of India and the State

Government etc. The modules which are simple and accessible would be a value addition to the existing body of knowledge of the intern.

This handbook has been brought out for the convenience of the intern as it gives an overview of the internship programme and steps to be followed to register on the online portal, access e-learning modules and collection of farmers' feedback on the online platform.

Each intern is expected to reach out to 100 farmers during the period of internship. The outreach programme of ICRO will cover over 1,00,000 farmers Pan India by end of March, 2024. Through this three months internship programme, I am sure that the intern will be exposed to learning experiences and new skills making them more employable and also promote entrepreneurial ideas and opportunities. The contribution of interns during the period will be valuable and give us firsthand insights to field level practical issues and also the overall local agro-climatic scenario. I wish all the interns a successful completion of their internship programme.

**Dr. Rajeev Ranjan**

Director, ICRO

## INSTRUCTION TO AMRIT INTERN FOR THE RURAL OUTREACH PROGRAMME

This internship program is designed to provide hands-on experience to intern of the real challenges faced in various facets of agriculture and rural development. During the internship, the intern will put to use their academic learning for real-life contexts. Interns will obtain experience in their field and acquire skills, which are helpful in their professional life. The guideline to be followed during the internship period is briefly as under:

- i. The Intern is required to read the terms and conditions of the Amrit Internship Programme brochure thoroughly. (Annex-A)
- ii. Interns will apply for the Internship Programme on the online portal. (Annex-B)
- iii. The Intern has to study the e-Learning module and attempt the Assessment Questionnaire. (Annex-C).
- iv. The present internship programme is offered for a specific project under the supervision of a designated Mentor or Programme Executives of ICRO or Coordinators from the implementing agency.
- v. The intern will execute any project assigned to them during the internship period.
- vi. The intern is required to updates the designated Mentor/ Programme Executive/ Coordinator of her/ his project progress weekly/ fortnightly and submit a brief report.
- vii. **Interaction with farmers:** The Intern has the responsibility to keep up the reputation of IPL/NPC and strictly adhere to the following:
  - While approaching the farmer, the Intern will first greet the farmer and all present followed by introducing himself/herself showing the Indentify Card provided by ICRO.
  - The Intern should be polite at all times and behave in a respectable manner.
  - Pay careful attention to what the farmer says and note down all details carefully.
  - Answer all queries and in case the intern does not have the said information, to specifically indicate that he/she will get back with the required information. Intern will not offer his opinion.
  - Have a positive attitude and show gratitude.
  - Always be attired in proper clothing.
  - Be open to feedback.
  - In case of doubt, get in touch with the Mentor/ Project Executive/ Coordinator.
- viii. Towards the end of the internship, the intern will submit a progress report and feedback of the internship programme.

- ix. Intern should take care of and will be responsible for his/her own safety, health, and well being while travelling.
- x. All correspondence will be made to email-ID of ICRO ([icroipl@gmail.com](mailto:icroipl@gmail.com)).
- xi. Intern will provide Bank details in the following format:

Name	*As per the Bank Account
Bank Name	
Branch Address	
Account No.	
IFSC Code	
MICR Code	
PAN No.	



## DETAILS OF ICRO AMRIT INTERNSHIP PROGRAM

Indian Potash Limited (IPL), a major player in multiple value chains and inputs, is marching towards agrarian growth and farmers' prosperity. The dedicated field work of IPL has led to acceptance of potash across India which was unknown to Indian farmers earlier. IPL has a vast network and its services are being coordinated by 15 Regional Offices in various State capitals. This has bestowed an enviable status on IPL to take any agri input or service literally at the doorstep of farmers in the six lakh villages across the country thereby enabling their growth and development.

With an objective to foster rural outreach and capacity development of farmers and youth, IPL has joined hands with National Productivity Council (NPC), an apex organization established in 1958, under Ministry of Commerce & Industry, Govt. of India, to generate productivity awareness and consciousness across the country by providing solutions for improving productivity and competitiveness through different services, namely consultancy, training, action research, evaluation studies etc.

IPL has established IPL Centre for Rural Outreach (ICRO) with the involvement and technical expertise of NPC as part of its Corporate Social Responsibility and has launched **Amrit Internship Programme** focused on youth productivity for prosperity.

### OBJECTIVES OF THE ICRO AMRIT INTERNSHIP PROGRAM

- To promote productivity related employment enhancing vocational skills among youth and rural people.
- To create awareness about enhancement of agriculture productivity.
- To create network of youth entrepreneurs with skills to work with rural settings.
- To work towards improvement of knowledge resources on youth interface.
- To ensure environmental sustainability and conservation of natural resources.

### PLACE OF INTERNSHIP

- The interns will be placed at Headquarter and Regional Offices of NPC/ IPL

### ELIGIBILITY

- The applicant for the internship should be a citizen of India having Aadhaar.
- Class 12<sup>th</sup> Pass / Diploma holders / Graduates / Final Year Graduation pursuing candidates can apply. Preference will be given to candidates having agriculture or related sector's qualification.

- Applicants in the age group of 18-45 years can apply.

#### **DURATION:**

- The duration of internship will be 3 months initially which can be renewed up to 4 times.
- The internship program shall be available throughout year. The terms and conditions of internship shall be effective from the date of joining by the interns.

#### **STIPEND**

- The selected intern shall be entitled for Rs. 6,000/- per month as stipend during the period of internship.
- No payment towards transportation and other allowance etc. shall be paid to the interns.

#### **CERTIFICATE**

- The interns will be issued an internship completion certificate upon successful completion of internship.

#### **PROCEDURE FOR APPLICATION AND SELECTION**

- The applicant will apply for the ICRO Amrit Internship Programme online on ICRO website <https://www.icro.npcindia.gov.in> or [www.icroamrit.npcindia.gov.in](http://www.icroamrit.npcindia.gov.in)
- The applicant is required to upload a letter of recommendation in the prescribed format from their institute / college / university / establishment along with the application.
- Applicants will be selected based on the recommendations of committee set up by Institute/College/ University/ Establishment/ NPC / IPL / Implement agency of Rural Outreach Programme.
- Placement of interns will be made at Head office and regional offices of NPC / IPL depending upon the preference of interns and requirements of offices concerned.

#### **CODE OF CONDUCT**

- The Interns should demonstrate sincerity, punctuality, courtesy, cooperative attitude, willingness to learn, proper etiquette, appropriate attire and maintain the workplace decorum during their entire internship period.
- The interns are expected to perform the assigned tasks/ duties to them with due care and diligence in accordance with the instructions given to them from time to time.
- The Interns shall be required to submit a project/assignment report/paper at the end of their internship to the concerned Head(s) regarding their learning experience.

## **NON-DISCLOSURE**

- The interns shall not, either during the internship period or after expiration of this internship, disclose any proprietary or confidential information relating to the services, contract or business or operations of NPC / IPL/ ICRO or its clients, whatsoever and to whosoever, without seeking prior written consent of NPC / IPL / ICRO and in case of violation of the same, NPC / IPL/ ICRO may take necessary action as deemed fit and proper. Any liability arising out of violation of this condition shall squarely rest with intern.

## **TERMINATION**

- NPC / IPL / ICRO may terminate any intern's engagement/ program at any time, as deemed fit in cases of discipline, or misconduct, without assigning any reason. Decision of NPC / IPL / ICRO shall be final in this regard.
- An intern can leave the programme, if she/he so desires, giving prior notice of seven (07) working days to the concerned Head. However, no certificate shall be awarded to such Interns.

## **GENERAL CONDITIONS:**

- The internship programme shall neither be an employment nor the assurance of any employment with NPC / IPL / ICRO.
- The internship offer will be based on the information furnished by the interns in their respective application and resume and otherwise will be null and void if a material error is discovered at any point of time.
- The interns shall acknowledge and ensure that no information about the software, hardware, database and the policy of the NPC / IPL / ICRO is taken out in any form including electronic form or otherwise by them.
- During the course of internship and upon its completion, the intern shall have no claims on IPL / NPC / ICRO whatsoever.

....

## APPLICATION FOR AMRIT INTERNSHIP

Recent  
passport size  
photograph

<b>Name</b>			
<b>Email-ID</b>			
<b>Date of Birth (DD/MM/YYYY)</b>			
<b>Mobile</b>			
<b>Gender</b>			
<b>Category</b>	Gen <input type="checkbox"/>	SC <input type="checkbox"/>	ST <input type="checkbox"/> OBC <input type="checkbox"/>
<b>Identity Proof Number (Aadhaar / Passport / Voter ID/PAN)</b>			
<b>Nationality</b>			
<b>Flat/ House No.</b>			
<b>Area/ Street/ Sector/ Block</b>			
<b>Village/ Town/ City</b>			
<b>State</b>			
<b>District</b>			
<b>Pin code</b>			
<b>Area of expertise</b>			
<b>Educational Qualification:</b>			
Education Qualification (Highest)			
Name of course being pursued at present			
Name of the Institution/ College/ University			
Total internship period applied for (in months)			
<b>BANK DETAILS</b>	<b>Name of the Bank</b>		
	<b>Account Number</b>		
	<b>IFSC</b>		
	<b>Branch Name</b>		
<b>Important instructions-</b> Kindly upload scanned pdf of the letter of recommendation from the Institute/College/ University / Establishment / NPC Office / IPL Office for internship as per Annex-II			
<b>Declaration</b>			
<input type="checkbox"/> I certify that the above information furnished by me is true to the best of my knowledge and belief. I also agree that in the event of any misrepresentation and / or falsification of information, my internship shall be liable for termination without any further notice that may deem fit to initiate.			
<input type="checkbox"/> I also certify to abide by the prescribed terms and conditions for the ICRO Amrit Internship Programme during my internship period. I understand that for undergoing the internship and upon its completion, I shall have no claims on IPL / NPC / ICRO whatsoever			
<b>Place:</b> <input style="width: 100px;" type="text"/> <b>Date:</b> <input style="width: 100px;" type="text"/>		<b>Signature of applicant</b> <div style="height: 50px; border: 1px solid black;"></div>	



**RECOMMENDATION BY THE INSTITUTE/COLLEGE/ UNIVERSITY/ESTABLISHMENT/ NPC  
OFFICE / IPL OFFICE FOR IPL-NPC AMRIT INTERSHIP PROGRAMME**

To,  
Director  
IPL Centre for Rural Outreach (ICRO),  
NPC Building,  
5-6 Institutional Area, Lodi Road, New Delhi - 110003  
Email: [icroipl@gmail.com](mailto:icroipl@gmail.com)

Sir,

Considering the information given by with Aadhaar number \_\_\_\_\_in his / her application for ICRO Amrit Internship Programme he / she is recommended forthe internship based on my verification and personal knowledge about the applicant.

Signature with Seal

Name:  
Designation:  
Email ID  
Mobile No:

Place:  
Date:

## HOW TO APPLY FOR THE INTERNSHIP PROGRAMME

The applicant will apply for the IPL Amrit Internship programme on the online portal. The step-by-step process is as under:

- Log on to IPL Centre for Rural Outreach (ICRO) website: <http://icro.npcindia.gov.in/>  
OR
- National Productivity Council website: <https://www.npcindia.gov.in/NPC/User/index>
- Click on Amrit Internship Programme. You will be directed to <http://www.icroamrit.npcindia.gov.in>.
- Click on New Registration and fill the form. In your case, IPL/KVK/ Authority concerned have recommended your internship, in the field “Do you have recommendation letter” kindly click Yes. **Always remember your password.**

← → ↻ ⚠ Not secure | icroamrit.npcindia.gov.in/Register.aspx

IPL Centre for Rural Outreach

75 आज़ादी का अमृत महोत्सव Log in

### ICRO Amrit Internship Registration

*Furnish accurate information, as it will be used for contacting you.*

Name \*

Email ID \*

Date of birth \*

Mobile number \*

Do you have recommendation letter? \* ☒ Yes ☐ No

Enter Password \*

Re-enter Password \*

\* Mandatory fields

Register

- Your **user name is your email address.**
- Proceed to next section. **Please keep the following ready for uploading:**
  - Passport size photo in JPG/JPEG format size less than 2 MB
  - Letter of recommendation in PDF format size less than 2 MB
  - Mark sheet or Certificate of Qualification in PDF format size less than 2 MB.

...

## HOW TO ACCESS E-LEARNING COURSE

---

The following step-by-step process to the access of the assigned e-learning course by intern as part of the online internship orientation program.

1. The intern can register for the e-learning course by Clicking on the **Register button/ Tab**, in the following the link:

[https://www.npcindia.gov.in/NPC/Homes1/e-learning/registration?course\\_id=Mzcy=](https://www.npcindia.gov.in/NPC/Homes1/e-learning/registration?course_id=Mzcy=)

The intern needs to fill in their respective particulars' / details in the eLearning registration form provided.

2. Click on Submit Button/ tab on successful submission of intern details in the eLearning registration form.
3. After clicking on Submit button, e-learning Registration Number will be generated.
4. After registration, intern can login to (<https://www.npcindia.gov.in/NPC/Homes1/e-learning/login>) (with his/her registered email id and Date of Birth (DOB) to access the assigned eLearning course. (No.11- Training Module for Amrit Interns)
5. Click on **My Courses tab** for the assigned e-learning course. (No.11- Training Module for Amrit Intern).
6. After Click on My Courses, Click on **Launch button** to start the e-Learning Course.
7. On clicking the Launch button, the intern will be redirected to the modules of the said eLearning courses. Click **Read button** for study material.
8. **On completion of the e-learning course, the Intern is required to attempt the assessment questionnaire by clicking on Start button. In case the Intern scores less than 70% marks, they have two more attempts to improve their score.**

....

### Training Module for Amrit Inters

Module	Topic and Key Take Aways	Contents	Duration (in minutes)	Category
I	<b>General Introduction of Programme</b> <ul style="list-style-type: none"> <li>✓ About ICRO, IPL and NPC</li> <li>✓ Over view of Amrit Internship Programme</li> <li>✓ General Requirements for participating in Programme</li> <li>✓ Other Activities of ICRO</li> </ul>	<ol style="list-style-type: none"> <li><a href="https://docs.google.com/presentation/d/19cgDzGr-alGz8x9y5PyqeH1tH9V3Jkji/edit?usp=sharing&amp;ouid=104895662277249373194&amp;rtpof=true&amp;sd=true(Presentation on AMRIT Inters)">https://docs.google.com/presentation/d/19cgDzGr-alGz8x9y5PyqeH1tH9V3Jkji/edit?usp=sharing&amp;ouid=104895662277249373194&amp;rtpof=true&amp;sd=true(Presentation on AMRIT Inters)</a></li> <li><a href="https://drive.google.com/file/d/1sKiU7SUzi3wLFZdrYYmQY4GoFcz0AHM/view?usp=sharing(Brochure)">https://drive.google.com/file/d/1sKiU7SUzi3wLFZdrYYmQY4GoFcz0AHM/view?usp=sharing(Brochure)</a></li> </ol>	60:00	Essential
II	<b>About Indian Agriculture</b> <ul style="list-style-type: none"> <li>✓ About Production and Productivity of Different crops</li> <li>✓ Types of cropping cycle</li> <li>✓ Indian Agriculture vis-à-vis global Agriculture.</li> <li>✓ Role of Agriculture in GDP of India</li> <li>✓ Type of Farming</li> <li>✓ Issues with Indian Agriculture</li> <li>✓ Comparison between India and other countries on Productivity of different crops</li> <li>✓ Farm land Holding</li> </ul>	<ol style="list-style-type: none"> <li><a href="#">भारतीय कृषि   Agriculture in India in Hindi   खाद्यान्न फसलें   Geography MCQs Quiz - YouTube</a></li> <li><a href="#">'Doubling Farmers' Income' - YouTube</a></li> <li><a href="#">भारत में कृषि   Indian Agriculture   Indian Geography   study vines official - YouTube</a></li> <li><a href="#">Bhartiya Krishi Ki Samasya in   भारतीय कृषि की समस्याएं - YouTube</a></li> <li><a href="#">Feature of Indian Agriculture / भारतीय कृषि की विशेषता - YouTube</a></li> <li><a href="#">Agriculture Role in Indian Economy   Farmers Day   खेती का देश के विकास में महत्वपूर्ण योगदान - YouTube</a></li> <li><a href="#">indian agriculture in hindi   bharat ki krishi   oneliner   mcq   upsc   ssc   gl   2017 exams Part 1 - YouTube</a></li> <li><a href="#">What will the future of agriculture look like? (E) (indiascience.in)</a></li> <li><a href="#">L18: Characteristics &amp; Problems - Indian Agriculture   Indian Geography (UPSC CSE - Hindi) - YouTube</a></li> </ol>	24:54 13:55 (Audio) 41:37 12:03 12:56 9:34 14:07 30:37 58:22	Essential Essential Essential Essential Essential Optional Optional Optional Optional
III	<b>Cropping Practices</b> <ul style="list-style-type: none"> <li>✓ Monsoon and Indian Agriculture</li> <li>✓ Understanding of Different Cropping Season</li> <li>✓ Types of Crops</li> <li>✓ Cropping System</li> <li>✓ Sowing and Harvesting of crops</li> <li>✓ Use of Agriculture machinery, Fisheries, poultry etc.</li> <li>✓ Right crop management practices</li> <li>✓ Nutrition Management</li> <li>✓ Insect management</li> </ul>	<ol style="list-style-type: none"> <li><a href="#">DD Kisan's special program on Agriculture sector   KRISHI DARSHAN - YouTube</a></li> <li><a href="#">Crops and Cropping system adopted in India Part 1 (Hindi/English)   Agricultural Field Officer - YouTube</a></li> <li><a href="#">Integrated Farming System Model (Hindi Video)   Integrated Farming in India - YouTube</a></li> <li><a href="#">Mixed farming   बिना लागत खेती   Mixed Farming in Hindi   Organic Farming Contributor - YouTube</a></li> <li><a href="#">Contract Farming   अनुबंध कृषि   अनुबंध कृषि - क्या है फायदेमंद या नहीं - YouTube</a></li> </ol>	28:15 19:28 3:46 11:00 4:43	Essential Essential Essential Essential Optional



IV	<b>Green Revolution</b> ✓ Need of Green revolution post independence ✓ Important components of Green Revolution and its impact on Indian Agriculture ✓ Green Revolution and Future Challenges ✓ Challenge of Food security	18. <a href="#">The Green Revolution: India's Independence and Scientific Community (H) (indiascience.in)</a>	26:39	Essential
		19. <a href="#">Green Revolution of India भारत की हरित क्रांति - YouTube</a>	20:27	Optional
		20. <a href="#">#Green Revolution in India   Green Revolution   भारत में हरित क्रांति   Harit Kranti - YouTube</a>	23:53	Optional
V	<b>Agriculture Technology Practices</b> ✓ Importance of Agriculture Technology ✓ Different types of technology based farming system ✓ Popular Technologies widely used in Agriculture ✓ Farm Mechanization and its impact on Agriculture economics	21. <a href="#">Agriculture and Technology - To The Point Special - YouTube</a>	9:12	Essential
		22. <a href="#">KRISHIDARSHAN: DDKisan's program on advanced technology in Agriculture sector - YouTube</a>	30:05	Essential
		23. <a href="#">Farming Technology (H) (indiascience.in)</a>	24:22	Essential
		24. <a href="#">Farm Mechanisation in India (Hindi) - Doubling farmers income - YouTube</a>	25:30	Optional
		25. <a href="#">AGRITECHSHOW on Biofortified Crops - YouTube</a>	11:13	Optional
VI	<b>Innovative technologies</b> ✓ Use of IT in agriculture ✓ Applications of IT in Smart Agriculture ✓ About Precision Farming ✓ Enhancing production, reducing harvesting time and reduction in investment ✓ About Multi layer farming or vertical farming ✓ .Why it is required? ✓ How it can be done? ✓ Management of multi layer farming. ✓ Government assistance in establishment of multi layer farming. ✓ About protected cultivation. ✓ Why it is required? ✓ How it can be done? ✓ Investment on establishment of Structure for protected cultivation. ✓ Management of protected cultivation	26. <a href="#">AGRITECHSHOW on Internet of Things and Smart Agriculture - YouTube</a>	11:57	Essential
		27. <a href="#">परिशुद्धता कृषि Precision farming परिशुद्धता खेती Fine cultivation mgpe 11 political science - YouTube</a>	16:17	Essential
		28. <a href="#">AGRITECHSHOW on Multilayer Farming - YouTube</a>	11:41	Essential
		29. <a href="#">AGRITECHSHOW on Protected Cultivation - YouTube</a>	9:11	Essential
		30. <a href="#">AGRITECHSHOW on Hydroponics - YouTube</a>	14:44	Optional
		31. <a href="#">Vertical Farming - Why It Is Important ? Vertical Farming In India in hindi - YouTube</a>	8:45	Optional
		32. <a href="#">यह है असल में स्मार्ट फार्मिंग   Fasal Smart Farming Technology in India - YouTube</a>	13:05	Optional
		33. <a href="#">AGRITECHSHOW on Smartphone Sensor Technology - YouTube</a>	11:47	Optional
		34. <a href="#">2022 में अब होगी सटीक और स्मार्ट फार्मिंग Fasal Farming System A to Z   Indian Farmer - YouTube</a>	11:13	Optional

VII	<b>Irrigation and Water Management</b> <ul style="list-style-type: none"> <li>✓ Why water management?</li> <li>✓ How to save water in farming?</li> <li>✓ Different Methods to save water in farming.</li> <li>✓ Why Water Conservation?</li> <li>✓ How farm equipment and tools help in water conservation?</li> <li>✓ How to recharge ground water table?</li> <li>✓ About Water conservation and Management</li> <li>✓ Present status of water scarcity in India.</li> <li>✓ Challenges in Water Conservation.</li> <li>✓ About Government initiatives through JAL Shakti?</li> <li>✓ Why Irrigation required?</li> <li>✓ Traditional and Advanced irrigation methods their pros and cons.</li> <li>✓ About Drip irrigation system.</li> </ul>	35. <a href="#">Water Management in Farming   कृषि में जल व्यवस्थापन   Shashwat Yogickheti-YouTube</a>	2:59	Essential
		36. <a href="#">Water Conservation techniques in Agriculture   खेती में कैसे करें जल संरक्षण से अधिक पैदावार-YouTube</a>	7:31	Essential
		37. <a href="#">Need for water management in India-Audio Article-YouTube</a>	16:49	Essential
		38. <a href="#">हमारे सिंचाई के सारे स्मार्ट सिस्टम   Irrigation   How to Build Farm-Part 04   Indian Farmer - YouTube</a>	26:47	Essential
		39. <a href="#">सिंचाई की आधुनिक तरीका   केन्द्रीय धुरी सिंचाई विधि   Center Pivot Irrigation System-YouTube</a>	5:40	Optional
		40. <a href="#">Israel Advance Agriculture Technology in Hindi-YouTube</a>	6:52	Optional
		41. <a href="#">Sub Surface Drip Irrigation (H) (indiascience.in)</a>	3:40	Optional
		42. <a href="#">Miracles by Israel in Agriculture   How Israel do farming in desert?   India Israel Friendship-YouTube</a>	9:26	Optional
VIII	<b>Soil Health Management</b> <ul style="list-style-type: none"> <li>✓ About Integrated Nutrient Management</li> </ul>	43. <a href="#">Integrated Nutrient Management (in hindi)   समन्वित खाद प्रबंधन -YouTube</a>	6:06	Essential
	<ul style="list-style-type: none"> <li>✓ About bio fertilizer &amp; its uses</li> <li>✓ Issues for effective adoption of INM</li> <li>✓ Why Soil Health Card</li> <li>✓ How to conduct soil testing?</li> <li>✓ What is Soil Health Management?</li> <li>✓ Effects of organic and chemical Fertilizers</li> <li>✓ Potash as Fertilizer</li> <li>✓ Right use of potash and its effect of potash on farming</li> <li>✓ Use of Poly sulphate and its benefits</li> <li>✓ What is NPK and its Uses</li> <li>✓ Effect on plants due to deficiency of NPK fertilizer</li> </ul>	44. <a href="#">3 Integrated Nutrient Management-YouTube</a>	2:07	Essential
		45. <a href="#">Soil Health Card: A step towards farmer help (Hindi)-YouTube</a>		
		46. <a href="#">Soil Health Management (E) (indiascience.in)</a>	24:48	Essential
		47. <a href="#">Soil Sampling and Testing (Hindi)-YouTube</a>	13:36	Essential
		48. <a href="#">खेती बिना खाद कैसे? रासायनिक या जैविक- जरूरी है Kheti के लिए कौन सी   Manure-Organic OR Chemical-YouTube</a>	7:20	Essential
		49. <a href="#">फसल Fasal उत्पादन में पोटाश का महत्व   पोटाश तत्व का महत्व   Importance Of Potash-YouTube</a>	5:21	Essential
		50. <a href="#">Kisano के लिखा जल में स्राप का नया प्राकृतिक उर्वरक : Indian Potash Limited: Green TV-YouTube</a>	19:02	Essential
		51. <a href="#">NPK Fertilizer क्या है, NPK कब, कितना और कैसे इस्तेमाल करें अपने पौधों पर और इसके क्या फायदे होंगे?-YouTube</a>	7:25	Essential
		52. <a href="#">Soil Health (Hindi)-YouTube</a>	18:59	Essential
		53. <a href="#">Modern Dimensions of Scientific Agriculture (H) (indiascience.in)</a>	26:37	Optional
		54. <a href="#">Soil Nutrition-for Agricultural Field Officer (Hindi/English)-YouTube</a>	23:38	Optional
		55. <a href="#">Manure and Fertilizers Class 8 in Hindi [Crop Production and Management] Crop Rotation   Class 8-YouTube</a>	9:48	Optional
		56. <a href="#">AGRITECH SHOW on Vermi Bed Technology for production of Vermi Compost-YouTube</a>	12:00	Optional

		57. <a href="#">What is Organic Agriculture with Full Information? - [Hindi] - Quick Support - YouTube</a>	9:09	Optional
		58. <a href="#">AGRITECHSHOW on Biofertilizer - YouTube</a>	11:44	Optional
IX	<b>Post Harvest, Cold Chain and Agriculture Marketing</b> ✓ Harvest of crop and right time ✓ Storage practices	59. <a href="#">Crop Storage   उत्पादन का सही भंडारण कैसे करें   Kisan   Crop Production and Management - YouTube</a>	7:42	Essential
		60. <a href="#">Value Addition: Agro Produce (H) (indiascience.in)</a>	28:25	Essential
		61. <a href="#">Agricultural Marketing in India - YouTube</a>	51:56	Essential
	✓ Pretreatment of Storage place ✓ About value addition ✓ About GI ✓ Value addition of orange, star fruit, tamarind, soya bean and pineapple ✓ Over view on Agriculture Marketing ✓ Basic facilities needed for agriculture marketing ✓ Government measures in Agriculture marketing	62. <a href="#">कृषि विपणन (Agriculture Marketing)   By- Dr. Harsh Mani Singh   Indian Economics   IAS, PCS, NET / JRF - YouTube</a>	10:54	Essential
		63. <a href="#">Food Safety (E) (indiascience.in)</a>	60:19	Optional
		64. <a href="#">How we do Wheat harvesting and storage: I   Krishi Darshan   26 April 2019 - YouTube</a>	25:20	Optional
		65. <a href="#">National Agriculture Market eNAM special - YouTube</a>	55:34	Optional
		66. <a href="#">Minimum Support Price   What is MSP in Agriculture - INNEWS   Drishti IAS - YouTube</a>	25:06	Optional
X	<b>Agri Startups and Entrepreneurship</b> ✓ What is start up ✓ Contribution (%) of startup ✓ Global scenario of startup ✓ Scope of Startup in Sorting, Grading ✓ In adulteration, ✓ One stop shop/ kiosks, alternate use of paddy straw baler, Technology for bio control, enhancing the agriculture productivity	67. <a href="#">Agricultural Startups Part 1 - YouTube</a>	22:03	Essential
		68. <a href="https://youtu.be/60YD5jsSlmo">https://youtu.be/60YD5jsSlmo</a> (Top 10 Agri tech Startups Empowering Indian Farmers)	4:06	Essential
		69. <a href="#">Profitable Agri Startups Business Ideas - (Part-2) (Hindi) - YouTube</a>	8:19	Essential
		70. <a href="#">छोट किसानों और Startup को RBI ने दी राहत, RBI ने आसान किए नियम, आसानी से मिलेगी पैसा   Kisan Bulletin - YouTube</a>	10:37	Optional
XI	<b>Agriculture &amp; Rural Development Schemes of Govt. of India/ State Govts 1.</b> ✓ Brief of Govt. of India Schemes supporting Agriculture ✓ New Schemes introduced during last 5 years ✓ Rashtriya Krishi Vikas Yojna ✓ Mahatma Gandhi National Rural Employment Guarantee Scheme ✓ Kisan Credit Card Scheme	71. <a href="#">Govt Schemes for Agriculture in India - YouTube</a>	40:26	Essential
		72. <a href="#">Latest Government Schemes for Agriculture   Government Schemes by PM Narendra Modi - YouTube</a>	36:18	Essential
		73. <a href="#">#Rashtriya Krishi Vikas Yojana राष्ट्रीय कृषि विकास योजना   - YouTube</a>	2:37	Essential
		74. <a href="#">MGNREGA - Sarkari Yojana - YouTube</a>	3:01	Essential
		75. <a href="#">Kisan Credit Card (Hindi) - YouTube</a>	5:49	Essential
		76. <a href="#">किसान क्रेडिट कार्ड (Kisan Credit Card) क्या है और कैसे मिलता है   KCC   Benefit of KCC - YouTube</a>	6:40	Essential
		77. <a href="#">Krishi Darshan: Welfare scheme being run by Agriculture Department - YouTube</a>	24:54	Optional
		78. <a href="https://youtu.be/3HulBEzPzI">https://youtu.be/3HulBEzPzI</a> (Initiatives in Agriculture & Allied Sector for Mitigating farmers distress - New India Sankalp (Video))	58:16	Optional
		79. <a href="#">Krishi Darshan - Vermicompost and Pradhan Mantri Kisan SAMPADA Yojana special - YouTube</a>	24:44	Optional

XII	<b>Horticulture and Floriculture and other allied areas</b> ✓ Concept of Integrated Horticulture Development ✓ Fruits that can be combined for integrated Horticulture Development ✓ Government Schemes supporting Horticulture and Floriculture Development and opportunities	80. <a href="#">एकीकृत समन्वित बागवानी योजना  KrishiDarshan.05:30PM.1Jan2020-YouTube</a>	24:57	Essential
		81. <a href="https://youtu.be/WfGYU6CKk9A">https://youtu.be/WfGYU6CKk9A</a> (सघनबागवानीसेआमदनीहीआमदनी)	15:58	Essential
		82. <a href="#">FloricultureFarminginIndia फूलकिसमखेती FloricultureBusiness-YouTube</a>	7:45	Essential
		83. <a href="#">krishiDarshan(SolarEnergySchemesinAgriculture)-YouTube</a>	24:28	Optional
XIII	<b>Animal Husbandry, Dairying &amp; Fisheries</b> ✓ Dairy Farming ✓ Dairy Farm Management and Best Practices ✓ Opportunities in Dairy and Fisheries ✓ Best Practices in Dairy and Fisheries for better productivity ✓ About Pradhan Mantri Matsya Sam pada Yojna (PMMSY)	84. <a href="#">PashupalanTimes:StepsinAnimalHusbandry-3Min-YouTube</a>	3:11	Essential
		85. <a href="#">पशुपालन - भाग 1 - डेयरी फार्म Dairyfarm-inHindi-YouTube</a>	4:02	Essential
		86. <a href="#">DairyFarmManagement-YouTube</a>	6:49	Optional
		87. <a href="#">DairyCalfManagement-YouTube</a>	15:03	Optional
		88. <a href="#">DairyfarmingHindiAccessMadhyapradesh-YouTube(CaseStudy)</a>	11:52	Optional
		89. <a href="#">AGRITESHSHOWonCleanMilkProductionProcess-YouTube</a>	11:55	Optional
		90. <a href="#">AGRITESHSHOWonQualityControlTechnologyforMilkTesting-YouTube</a>	12:01	Optional
		91. <a href="#">PMLaunches'PradhanMantriMatsyaSampadaYojana'totransformthefisheriessector-YouTube</a>	2:38	Essential
XIV	<b>Farmer Producer Organisations</b> ✓ Concept of Farmer Producer Organisation and its relevance ✓ Advantages from FPOs ✓ Various Benefits for Farming through FPOs ✓ Govt. of India Assistance for FPOs	92. <a href="#">FPOKyaHai  किसान उत्पादकसंगठन  FarmerProducerOrganization  PMKisan  PMKisanYojna-YouTube</a>	25:11	Essential
		93. <a href="https://youtu.be/4Vbh0hp0IP4">https://youtu.be/4Vbh0hp0IP4</a> (About FPOs-SFAC)	44:16	Optional
		94. <a href="https://youtu.be/gNutRAqRnYU">https://youtu.be/gNutRAqRnYU</a> (FPO-SFAC)	10:04	Optional
		✓ Success stories of FPOs <a href="https://www.youtube.com/watch?v=z5J-CDBpNZE">https://www.youtube.com/watch?v=z5J-CDBpNZE</a>	15:32	Optional
XV	<b>Agriculture Risk Management and Climate Resilience</b> ✓ Climate Change and its impact on Agriculture ✓ About Crop Insurance Schemes ✓ Pradhan Mantri Fasal Bima Yojna ✓ Climate resilient cropping practices	95. <a href="#">Climate resilient farming (Hindi June 2013)-YouTube</a>	6:11	Essential
		96. <a href="#">Climate Resilient Agriculture  जलवायु अनुकूल कृषि #ClimateChange#GlobalWarming#JalIeevanHariyali-YouTube</a>	6:42	Essential
		97. <a href="#">Fasal Bima   फसल बिमा   Fasal Bima Yojana In Hindi   Prime Minister Crop Insurance Scheme-YouTube</a>	3:01	Essential
		98. <a href="#">Climate Change &amp; Indian Farmers (H) (indiascience.in)</a>	23:08	Essential
		99. <a href="#">(Hindi) Pradhan Mantri Fasal Bima Yojana-YouTube</a>	11:46	Essential
		100. <a href="#">What is PMFBY प्रधानमंत्री फसल बिमा योजना क्या है?-YouTube</a>	2:03	Optional
		101. <a href="#">Crop Insurance Schemes PMFBY &amp; RWBCI Explained, What new changes are introduced by the government?-YouTube</a>	17:37	Optional
		102. <a href="#">Pradhan Mantri Fasal Bima Yojana-YouTube</a>	6:36	Optional
		103. <a href="#">Climate Smart Agriculture in India   जलवायु अनुरूप कृषि   Climate Resilience Adaptation-YouTube</a>	6:04	Optional



**Other References:**

1	Crop Specific Practices	<a href="#">MaizeCultivation.pptx</a> <a href="#">PaddyCultivation.pptx</a> <a href="#">PotatoCultivation.pptx</a> <a href="#">SuagrcaneCultivation.pptx</a> <a href="#">Wheatcultivation.pptx</a>		Optional
2	Notes on Basic Agriculture	<a href="#">hess404.pdf (ncert.nic.in)</a> <a href="#">Chapter 4.pmd (ncert.nic.in)</a>		Optional
3	Farmer Portal	<a href="#">FarmerPortal:HomePage</a>		Optional
4	Agri Schemes	<a href="#">NABARD-NationalBankForAgricultureAndRuralDevelopment</a>		Optional
5	Mobile Applications	<a href="https://farmer.gov.in/mobileappsdownload.aspx">https://farmer.gov.in/mobileappsdownload.aspx</a>		Optional
6	Other Relevant videos	<a href="#">स्वस्थ मृदा से बनेगा स्वस्थ भारत। By डॉ. यू. एस. तेवतिया। इंडियन पोटाश लिमिटेड, नई दिल्ली - YouTube</a>	23:07	Optional
		<a href="#">Kisanoके लिए IPL(IndianPotashLimited)का तोहफा पोषकतत्वों का खजाना “पॉली हैलाइट” (Polyhallite)- YouTube</a>	06:51	Optional
		<a href="#">Kisanoके लिए बाजार में उतरा IPL का नया प्राकृतिक उर्वरक:IndianPotashLimited:GreenTV YouTube</a>	19:02	Optional
		<a href="#">ट्रेन्च विधि से गन्ना बोने के फायदे।By डॉ. यू. एस. तेवतिया। इंडियन पोटाश लिमिटेड, नई दिल्ली - YouTube</a>	07:26	Optional
		<a href="#">Kisanसमझे Potashका महत्व  SanjeevKrChaudhary,IndianPotashLtdOnGreenTV- YouTube</a>	02:10	Optional
		<a href="#">एक आँख के गन्ने की बुवाई से लाभ  By डॉ. यू. एस. तेवतिया। इंडियन पोटाश लिमिटेड, नई दिल्ली - YouTube</a>	10:13	Optional
		<a href="#">फसलFasalउत्पादन में पोटाश का महत्वपोटाश तत्व का महत्व  ImportanceOfPotash- YouTube</a>	05:21	Optional
7	Farmer Friendly Handbook	<a href="#">FFH201819 Hindi.pdf(agricoop.gov.in)</a>		Optional
8	A Handbook of Govt. Schemes	<a href="#">Handbook Schemes Prog. Hin.pdf(agricoop.gov.in)</a>		Optional
9	State wise Farmer Friendly Handbook	<a href="https://farmer.gov.in/handbooks.aspx">https://farmer.gov.in/handbooks.aspx</a>		Optional
10	IEC material	<a href="https://drive.google.com/drive/u/0/folders/10fuZr13C0lYy2iaBcDz9qMPxL2Bnp2Xd">https://drive.google.com/drive/u/0/folders/10fuZr13C0lYy2iaBcDz9qMPxL2Bnp2Xd</a>		Optional

## **QUESTIONNAIRE FOR DATA COLLECTION FROM FARMERS**

1. Registration ID  
पंजीयन पहचान संख्या .....
2. State  
प्रांत का नाम .....
3. Survey Date  
सर्वेक्षण की तिथि .....
4. Name of Surveyor  
सर्वेक्षक का नाम .....

### **I. General Information (सामान्य सूचना)**

1. Name of Farmer (Surname, Name, Farmer's name) कृषक का नाम  
.....  
1.a GPS Location of farmer (किसान की जीपीएस स्थिति); .....
2. Mobile No. (मोबाइल संख्या); .....
3. Name of Village (ग्राम का नाम); .....
4. Block/District/State (ब्लॉक/राज्य/जिला); ...../...../.....
5. Level of Education (शिक्षा का स्तर): Illiterate (अशिक्षित)/ Primary (प्राथमिक)/  
Middle(माध्यमिक)/High School (हाईस्कूल)/Inter (इंटर)/ Degree (डिग्री)/Post Graduate  
(स्नातकोत्तर)
6. Gender (लिंग)- Male (पुरुष)/ Female (महिला)
7. Caste (जाति) -General (सामान्य)/OBC (अन्य पिछड़ा वर्ग)/SC (अनुसूचित जाति)/ST (अनुसूचित  
जनजाति)
8. Total Land holding (Bigha)कुल भूमि जोत (बीघा) .....  
8a. Irrigated (Bigha)सिंचित (बीघा) .....  
8b. Un-irrigated (Bigha) असिंचित (बीघा) .....
9. Source of Irrigation सिंचाई का स्रोत - Canal (नहर)/ Tubewell (ट्यूबवेल)/ Other (अन्य)

## II. Farming Related (खेती से संबंधित जानकारी)

### 2. Area and Production of Specific Crop during last two years

पिछले दो वर्षों के दौरान विशिष्ट फसल का क्षेत्र और उत्पादन

- 1a. 2021 Kharif Crops  
2021में खरीफ फसलों के नाम;.....
- 1b. 2021 Area of Kharif Crop (Bigha)  
2021 में खरीफ फसल का क्षेत्रफल (बीघा);.....
- 1c. 2021 Production of Kharif Crop (in 100 kg-quintal)  
2021 में खरीफ फसल का उत्पादन (100 किलो-क्विंटल में) ;.....
- 1d. 2020-21 Rabi Crops  
2020-21 में रबी फसलों के नाम; .....
- 1e. 2020-21 Area of Rabi Crop (Bigha)  
2020-21 में रबी फसल का क्षेत्रफल (बीघा); .....
- 1f. 2020-21 Production of Rabi Crop (in 100kg-quintal)  
2020-21 में रबी फसल का उत्पादन (100 किलो-क्विंटलमें);.....
- 1g. 2021 Summer Crops  
2021 में गर्मी फसलों के नाम; .....
- 1h. 2021 Area of Summer Crop (Bigha)  
2021 में गर्मी फसल का क्षेत्रफल (बीघा); .....
- 1i. 2021 Production of Summer Crop (in 100kg-quintal)  
2021 में गर्मी फसल का उत्पादन (100 किलो-क्विंटल में); .....
- 2a. 2022 Kharif Crops  
2022 में खरीफ फसलों के नाम; .....
- 2b. 2022 Area of Kharif Crop (Bigha )  
2022 में खरीफ फसल का क्षेत्रफल (बीघा); .....
- 2c. 2022 Production of Kharif Crop (in 100 kg-quintal)  
2022 में खरीफ फसल का उत्पादन (100 किलो-क्विंटल में); .....
- 2d. 2021-22 Rabi Crops  
2021-22 में रबी फसलों के नाम; .....

- 2e. 2021-22 Area of Rabi Crop (Bigha)  
2021-22 में रबी फसल का क्षेत्रफल (बीघा); .....
- 2f. 2021-22 Production of Rabi Crop (in 100kg-quintal)  
2021-22 में रबी फसल का उत्पादन (100 किलो-क्विंटल में) ; .....
- 2g. 2022 Summer Crops  
2022 में गर्मी फसलों के नाम; .....
- 2h. 2022 Area of Summer Crop (Bigha )  
2022 में गर्मी फसल का क्षेत्रफल (बीघा); .....
- 2i. 2022 Production of Summer Crop (in 100kg-quintal)  
2022 में गर्मी फसल का उत्पादन (100 किलो-क्विंटल में); .....

### 3. Soil Health Status

(मृदा स्वास्थ्य कार्ड)

- (a) Soil Health Card (मृदा स्वास्थ्य कार्ड)  
(b) Never Got Soil tested (कभी मिट्टी की जांच नहीं कराई)  
(c) Not Aware of Soil testing (मिट्टी जांच की जानकारी नहीं)

3a. Do you have Soil Health Card? (क्या आपके पास मृदा स्वास्थ्य कार्ड है?)

- Yes (हां)
- No (नहीं)

If Yes, (i) Year of Soil Testing

यदि हाँ, (i) मृदा परीक्षण का वर्ष.....

38. (ii) Any Follow up

कोई आगे की कार्रवाई .....

### 4. Adoption of Recommended Package and Practices

अनुशंसित पैकेज और प्रथाओं को अपनाना

4a. New varieties/Hybrids (High yielding)

(नई किस्में/ संकर (उच्च उपज देने वाली))

- Adopted (अपनाया गया है)
- Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
- Not aware (पता नहीं है)



- 4b. Field preparation  
(खेत की तैयारी)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4c. Soil treatment (Lime Gypsum)  
(मृदा उपचार(लाइम जिप्सम))
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4d. Seed treatment  
(बीज उपचार)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4e. Timely sowing  
(समय पर बुवाई)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4f. Seed rate and spacing  
(बीज दर और दूरी)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4g. Fertilizer application  
(उर्वरक प्रयोग)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)

- 4h. Micro-nutrients (Zn, Fe Br Mn, Mg)  
(सूक्ष्म पोषक तत्व (Zn, Fe Br Mn, Mg))
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4i. Irrigation management  
(सिंचाई प्रबंधन)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4j. Weed management  
(खर पतवार प्रबंधन)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4k. Plant protection measures  
(पौध संरक्षण उपाय)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4l. Harvesting / threshing  
(कटाई/ थ्रेसिंग)
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)
- 4m. Storage  
**भण्डारण**
- Adopted (अपनाया गया है)
  - Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
  - Not aware (पता नहीं है)

4n. Vermi Composting

कैचुआ खाद

- Adopted (अपनाया गया है)
- Aware but not adopted (पता है लेकिन अपनाया नहीं गया है)
- Not aware (पता नहीं है)

5. Type of Farm Equipment used

कृषि मशीनरी का उपयोग किया

- Rotavator (रोटावेटर)
- Seed drill (सीडड्रिल)
- Sprayer (स्प्रेयर)
- Harvester (हार्वेस्टर)
- Others (अन्य)

6. Irrigation Method Adopted

अपनाई गई सिंचाई विधि

- Surface (सतह)
- Sprinkler (छिड़काव)
- Drip (ड्रिप)
- Others (अन्य)

7. **Details of Fertilizer/ biofertilizers Used**

प्रयुक्त उर्वरक /जैव उर्वरक का विवरण

7a. Fertilizer/ other Input used प्रयुक्त उर्वरक /जैव उर्वरकों का उपयोग

- Urea (यूरिया)
- DAP (डीएपी)
- SSP (एसएसपी)
- MOP (एमओपी)
- FYM (एफवाईएम)
- Liquid Fertilizer (पानी में घुलनशील उर्वरक)
- NPK (एनपीके)
- Amonium Sulphate (अमोनियम सल्फेट)
- Micronutrient (सूक्ष्म पोषक तत्वों)
- Others (अन्य)

7b. Source of Purchase

प्रयुक्त उर्वरक/ जैव उर्वरकों का खरीद का स्रोत

- Cooperatives (सहकारिता)
- Private Agencies (प्राइवेट एजेंसियां)
- Others (अन्य)

7c. Constraints

प्रयुक्त उर्वरक/ जैव उर्वरकों का उपयोग में समस्या

- Inadequate Quantity (अपर्याप्त मात्रा)
- Timely Availability (समय पर उपलब्धता)
- High Prices (उच्च मूल्य)
- Inferior Quality (निम्न गुणवत्ता)
- Others (अन्य)

8. Details of Pesticides/ Biopesticides Used

प्रयुक्त कीटनाशकों/ जैव कीटनाशकों का विवरण

8a. Name of Pesticides/ Biopesticides Used

प्रयुक्त कीटनाशकों/ जैव कीटनाशकों का नाम

- Imidacloprid 17.8SL (इमिडाक्लोप्रिड 17.8SL)
- Profenophos 50 %EC (प्रोफेनोफॉस 50% ईसी)
- Quinalphos 25% EC (क्विनालफॉस 25% ईसी)
- Fipronil 5 % SC (फिप्रोनिल 5% एससी)
- Chlorpyrifos 20 % EC (क्लोरपाइरीफॉस 20% ईसी)
- Carbendazim 50WP (कार्बेन्डाजिम 50WP)
- Mancozeb 75WP% (मैंकोजेब 75WP%)
- Beauveria bassiana (ब्यूवेरिया बेसियाना)
- Trichoderma spp (ट्राईकोडर्मा)
- Others (अन्य)

8b. Source of Purchase

प्रयुक्त कीटनाशकों/ जैव कीटनाशकों खरीद का स्रोत

- Cooperatives (सहकारिता)
- Private Agencies (प्राइवेट एजेंसियां)
- Others (अन्य)

8c. Constraints

(प्रयुक्त कीटनाशकों/ जैव कीटनाशकों उपयोग में समस्या)

- Technical Knowledge (तकनीकी ज्ञान)
- Timely Availability (समय पर उपलब्धता)
- High Prices (उच्च मूल्य)
- Inadequate Availability (अपर्याप्त उपलब्धता)
- Effectiveness (प्रभावशीलता)
- Others (अन्य)

9. **Have you availed any crop loan?**

क्या आपने कोई फसल ऋण लिया है?

- Yes (हां)
- No (नहीं)

9a. Mode of crop loan

फसल ऋण का तरीका

- KCC (केसीसी)
- Direct (प्रत्यक्ष)

9b. Amount of Loan (Rs.)

ऋण की राशि(रु.) ; .....

9c. Credit loan requirement fulfill your need

क्रेडिट ऋण आवश्यकता आपकी आवश्यकता को पूरा करती है

- Yes (हां)
- No (नहीं)

9d. Source of Crop Loan

फसल ऋण का स्रोत

- Commercial Bank (वाणिज्यिक बैंक)
- Cooperative (सहकारी)
- Micro-finance (सूक्ष्मवित्त)
- Money Lender (साहूकार)
- Fellow Farmers (साथी किसान)
- Others (अन्य)

9e. Constraints in Crop Loan

फसल ऋण में समस्या

- Cumbersome Procedures (दुष्कर प्रक्रियाएं)
- High Interest Rates (उच्च ब्याज दरें)
- Indifference from Bank/Cooperative (बैंक/सहकारिता से उदासीनता)
- Stringent T&C (कड़े नियम एवं शर्तें)
- Others (अन्य)

**Details of Crop Insurance (Previous Year)**

फसल बीमा का विवरण (पिछले वर्ष)

10. Have you got your crops insured?

क्या आपने अपनी फसलों का बीमा कराया है?

- Yes (हां)
- No (नहीं)

10a. Which crops are insured

किस फसल का बीमा कराया गया है; .....

10b. Area (Bigha)

बीमा क्षेत्र (बीघा); .....

10c. Insurance Agency

बीमा एजेंसी; .....

10d. Amount Insured (Rs.)

बीमित राशि (रु.) ; .....

10e. Premium Paid (Rs.)

प्रीमियम भुगतान (रु.) .....

10f. Insurance Claimed (Rs.)

बीमा दावा किया गया (रु.) ; .....

10g. Nature of Damage

नुकसान की प्रकृति ; .....

10h. Constraints from Crop Insurance

फसल बीमा से संबंधित मुद्दे

- Limited to Bank Loan Beneficiaries (बैंक ऋण लाभार्थियों तक सीमित)
- Compulsion from Bank (बैंक से बाध्यता)



- High Premium (उच्च प्रीमियम)
- Long Settlement Time (लंबे निपटान समय)
- Poor Publicity/Visibility (खराब प्रचार/दृश्यता)
- Area Approach of Insurance Scheme (बीमा योजना का क्षेत्र दृष्टि कोण)
- Limited Coverage (सीमित कवरेज)
- Others (अन्य)

11a. Place of Selling  
फसल बिक्री का स्थान

- Within village (गांव के भीतर)
- Nearby town (पास के शहर)
- Regulated market-mandi (विनियमित बाजार -मंडी)
- Other State (अन्य राज्य)

11b. Sold to  
फसल बिक्री

- Village traders (ग्राम व्यापारी)
- Commission agent (कमीशन एजेंट)
- FPOs (एफपीओ)
- Farmers Association (किसान संघ)
- Others (अन्य)

11c. Marketing Related Problem faced  
विपणन संबंधी समस्या

- Low Price (कम कीमत)
- Transportation cost (परिवहन लागत)
- Inadequate market infrastructure (अपर्याप्त बाजार बुनियादी ढांचा)
- Lack of market information (बाजार की जानकारी की कमी)
- Lack of storage facility (भंडारण सुविधा की कमी)
- Price fluctuation/ Other (मूल्य में उतार-चढ़ाव/ अन्य)

12. Have you received any guidance from any of these institution(s) to solve your farming related problems

क्या आपको इन में से किसी भी संस्था से आपकी कृषि संबंधी समस्याओं के समाधान के लिए कोई मार्गदर्शन प्राप्त हुआ है

- State Department of Agriculture (राज्य कृषि विभाग)
- KVK (कृषि विज्ञान केंद्र)

- Agri University (कृषि विश्वविद्यालय)
- NGO (गैर सरकारी संगठन)
- Kisan Call Centre (किसान कॉलसेंटर)
- Agri Clinic Centres (कृषि क्लिनिक केंद्र)
- Common Service Centres (CSC) (सामान्य सेवा केंद्र)
- Others (अन्य)

### Assistance received from Central/State Sponsored Schemes

केंद्र/राज्य प्रायोजित योजनाओं से प्राप्त सहायता

#### 13a. Assistance received from Schemes

योजनाओं से प्राप्त सहायता

- Pradhan Mantri Kisan Saman Nidhi Yojna (पीएम-किसान (प्रधानमंत्री किसान सम्मान निधि योजना)
- Pradhan Mantri fasal Bima Yojna (प्रधानमंत्री फसल बीमा योजना)
- Kisan Credit Card (KCC) Scheme (किसान क्रेडिट कार्ड (केसीसी) योजना)
- Pradhan Mantri Krishi Sichai Yojna (प्रधानमंत्री कृषि सिंचाई योजना)
- National Food Security Mission (राष्ट्रीय खाद्य सुरक्षा मिशन)
- RKVY (RAFTAAR) (आरकेवीवाई(रफ्तार))
- Mission for Integrated Development of Horticulture (बागवानी के एकीकृत विकास के लिए मिशन)
- Sub-Mission on Agriculture Mechanization (कृषि मशीनीकरण पर उप-मिशन)
- Others (अन्य)

#### 13b. Remarks on Govt. Sponsored Schemes

सरकारी योजनाओं के संबंध में सुझाव

.....

#### 14. Any suggestions/ Good practices

कृषक सुझाव/ उत्तम कार्य प्रणाली

.....

#### 15a. Have you doubled your income from farming?

क्या आपकी आय खेती से दुगुनी हुई है?

- Yes (हाँ)
- No (नहीं)

15b. If yes then write the name of the doubling farmer component.

यदि हाँ तो आय दोगुने करने वाले घटकों के नाम लिखें।

.....

15c. Have you aware of Natural Farming?

क्या आप प्राकृतिक खेती के बारे में जानते हैं?

- Yes (हाँ)
- No (नहीं)

15d. Have you aware of the below Natural farming component?

क्या आप प्राकृतिक खेती के निम्नलिखित घटकों के बारे में जानते हैं?

- Beejaamrit (बीजामृत)
- Jeevaamrit (जीवामृत)
- Ghanjeevamrit (घनजीवामृत)
- Mulching (पलवार)
- Neemashta (नीमाष्ट्र)
- Brahamashta (ब्रह्माष्ट्र)
- Others (अन्य)

15e. No. of cow

(गाय की संख्या)

.....

15f. No. of Buffalo

(भैंस की संख्या)

.....

15g. Awareness about NANO urea

(नैनो यूरिया के बारे में जागरूकता)

- Yes (हाँ)
- No (नहीं)

15h. Awareness about Drone technology in agriculture

कृषि में ड्रोन तकनीक के बारे में जागरूकता

- Yes (हाँ)
- No (नहीं)

## Preventive Healthcare

(निवारक स्वास्थ्य सेवा)

1. Do you have access to healthcare service?

क्या आपके पास स्वास्थ्य सेवा तक पहुंच है?

- Yes (हाँ)
- No (नहीं)

1a. If yes, mention the facility available.

यदि हाँ, तो उपलब्ध सुविधा का उल्लेख करें।

- Government Primary Health Centre (शासकीय प्राथमिक स्वास्थ्य केन्द्र)
- Private Health Centre (निजी स्वास्थ्य केंद्र)
- District level Health Centre (जिला स्तरीय स्वास्थ्य केंद्र)

1b. If No, give reasons

यदि नहीं तो कारण बतायें।

.....

2. How far is the Health Center from your home?

आपके घर से स्वास्थ्य केंद्र कितनी दूर है?

- Less than 1 Km (1 कि.मी. से कम)
- 1 km – 5 km (1 कि.मी. - 5 कि.मी.)
- More than 5 Km (5 कि.मी. से अधिक)

2. What are the main illnesses in your area?

आपके क्षेत्र में मुख्य बीमारियाँ क्या हैं?

- Respiratory infection (श्वसन संक्रमण)
- Diarrheal Disease (अतिसार रोग)
- Malaria (मलेरिया)
- Goiter (गण्डमाला)
- Waterborne diseases (typhoid, hepatitis, dysentery) (जलजनित रोग (टाइफाइड, हेपेटाइटिस, पेचिश))
- Vector borne diseases (dengue, chikungunya, Zika virus) (वेक्टर जनित रोग (डेंगू, चिकन गुनिया, जीका वायरस))
- Skin Infection (fungal, scabies) (त्वचा संक्रमण (फंगल, खुजली))
- Anemia (रक्ताल्पता)
- Gastrointestinal Infection (जठरांत्र संक्रमण)

- Eye infection (आंख का संक्रमण)
  - Worm infestation (कृमि संक्रमण)
  - Vaccine preventable disease (measles, rubella, tetanus) (टीकाकरण से रोके जा सकने वाले रोग (खसरा, रूबेला, टेटनस))
  - Dental Issues (दंत संबंधी मुद्दे)
  - Non communicable diseases (hypertension, diabetes, and obesity) (गैरसंचारी रोग (उच्चरक्त चाप, मधुमेह और मोटापा))
  - Others(अन्य)
3. Is there ambulance facility available?  
क्या वहां एम्बुलेंस सुविधा उपलब्ध है?
- Yes (हाँ)
  - No (नहीं)
5. Are Health Camps periodically held in your area? - By Government/ By Private Agency  
क्या आपके क्षेत्र में समय- समय पर स्वास्थ्य शिविर आयोजित किये जाते हैं? – सरकार द्वारा/ निजी एजेंसी द्वारा
- Yes (हाँ)
  - No (नहीं)
6. Are you aware of Family Planning methods?  
क्या आप परिवार नियोजन के तरीकों से परिचित हैं?
- Yes (हाँ)
  - No (नहीं)
7. Are you aware of mental health concerns like stress and depression?  
क्या आप तनाव और अवसाद जैसी मानसिक स्वास्थ्य संबंधी चिंताओं से अवगत हैं?
- Yes (हाँ)
  - No (नहीं)
8. Are you aware of vaccination programmes?  
क्या आप टीकाकरण कार्य क्रमों से अवगत हैं?
- Yes (हाँ)
  - No (नहीं)

9. Are you covered under Government Health Insurance Scheme?  
क्या आप सरकारी स्वास्थ्य बीमा योजना के अंतर्गत आते हैं?
- Yes (हाँ)
  - No (नहीं)
10. Do you have safe drinking water in your area?  
क्या आपके क्षेत्र में सुरक्षित पेयजल उपलब्ध है?
- Yes (हाँ)
  - No (नहीं)
11. Do ASHA workers visit your home?  
क्या आशा कार्यकर्ता आपके घर आती हैं?
- Yes (हाँ)
  - No (नहीं)
12. Are children receiving regular vaccinations?  
क्या बच्चों को नियमित टीकाकरण मिल रहा है?
- Yes (हाँ)
  - No (नहीं)
13. Are you aware of Central Government Scheme?  
क्या आप केंद्र सरकार की योजना के बारे में जानते हैं?
- Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana (PM-JAY) (आयुष्मान भारत-प्रधानमंत्री जन आरोग्य योजना (पीएम-जेएवाई))
  - Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA) (प्रधानमंत्री सुरक्षित मातृत्व अभियान (पीएमएसएमए))
  - Swachh Bharat Abhiyan (स्वच्छ भारत अभियान)
  - National Nutrition Mission (Poshan Abhiyaan) (राष्ट्रीय पोषण मिशन (पोषण अभियान))
  - Rashtriya Swasthya Bima Yojna (RSBY) (राष्ट्रीय स्वास्थ्य बीमा योजना (आरएसबीवाई))
  - Jal Jeevan Mission (JJM) (जल जीवन मिशन (जेजेएम))
14. Are you aware of Government of Uttar Pradesh Scheme?  
क्या आप उत्तर प्रदेश सरकार की योजना के बारे में जानते हैं?
- Mukhyamantri Jan Arogya Yojana (MJAY) (मुख्यमंत्री जन आरोग्य योजना (एमजेएवाई))
  - Mukhyamantri Free Diagnostic Scheme (मुख्यमंत्री निःशुल्क निदान योजना)
  - Mukhyamantri Arogya Aastha Pariyojana (मुख्यमंत्री आरोग्य आस्था परियोजना)
  - MukhyamantriVaahan Mitra Scheme (Free Ambulance Service) (मुख्यमंत्री वाहन मित्र योजना (निःशुल्क एम्बुलेंस सेवा))



- Matra Vandana Yojana (मातृ वंदना योजना)
- Janani Suraksha Yojana (JSY) (जननी सुरक्षा योजना (जेएसवाई))

Geotag Image\*

Files submitted

Note: State Government Scheme will vary in State /UT

## **HOW TO ENTER DATA COLLECTED THROUGH QUESTIONNAIR ON ONLINE PLATFORM**

---

- Intern will first collect information diligently and will record suggestions made by farmers and record any good practices.
- After collecting the data, the intern will enter the data in the online platform. The link will be provided at time of orientation programme.

....



de: 12.437472  
ude: 79.59661  
ion: 112.65±148 m  
acy: 457.6 m  
05-06-2023 11:13  
cro







## **IPL Centre for Rural Outreach (ICRO)**

NPC Building

5-6 Institutional Area

Lodhi Road, New Delhi – 1110003

Email ID: [icroipl@gmail.com](mailto:icroipl@gmail.com) Tel: 01124607320

[www.icroamrit.npcindia.gov.in](http://www.icroamrit.npcindia.gov.in)