

## **Domain 6: Agriculture**

### **Mapped SDG Goals:**

- **SDG 2:** Zero Hunger
- **SDG 12:** Responsible Consumption and Production
- **SDG 13:** Climate Action
- **SDG 15:** Life on Land

## **Domain 6: Agriculture**

### **Key Objectives:**

- Understand local agricultural practices, cropping patterns, and challenges.
- Promote sustainable farming techniques and climate-resilient practices.
- Connect farmers with information on government schemes and innovations.

### **Activities:**

1. Interact with farmers to understand cropping cycles, irrigation, and soil practices.
2. Create awareness on organic farming, mixed cropping, and natural pesticides.
3. Demonstrate composting and kitchen-waste reuse for home gardens.
4. Assist in mapping farmland and water resources using mobile apps or charts.
5. Collect data on crop yields, pest issues, and climate effects.
6. Organize a workshop on government schemes for farmers (PM-KISAN, soil card, etc.).
7. Document best farming practices from experienced farmers.
8. Prepare farm-level reports on challenges and local solutions.
9. Promote use of indigenous seeds and biodiversity conservation.
10. Conduct farmer-youth dialogue on sustainable agriculture.

**Sample 10-Day Schedule:**

<b>Day</b>	<b>Activity</b>
<b>Day 1</b>	Introduction to local agricultural landscape and mapping.
<b>Day 2</b>	Farm visits and interaction with small and marginal farmers.
<b>Day 3</b>	Household survey on agricultural practices.
<b>Day 4</b>	Organic and sustainable farming awareness sessions.
<b>Day 5</b>	Soil health and composting demo.
<b>Day 6</b>	Workshop on government schemes and farmer entitlements.
<b>Day 7</b>	Youth-farmer roundtable for knowledge sharing.
<b>Day 8</b>	Preparation and Submission of Final Report and Presentation
<b>Day 9</b>	Preparation and Submission of Final Report and Presentation
<b>Day 10</b>	Preparation and Submission of Final Report and Presentation

**Household-Level Survey Questionnaire (Yes/No):**

1. Does your family own or lease farmland? (Yes/No)
2. Do you use chemical fertilizers or pesticides regularly? (Yes/No)
3. Are you aware of organic or natural farming techniques? (Yes/No)
4. Do you practice crop rotation or mixed cropping? (Yes/No)
5. Have you received any training or extension services from agriculture officers? (Yes/No)
6. Have you applied for any government farming scheme (PM-KISAN, etc.)? (Yes/No)
7. Do you have irrigation facilities for your land? (Yes/No)

**Community/Village-Level Survey Questionnaire (Yes/No):**

1. Is agriculture the primary occupation for most families in the village? (Yes/No)
2. Are there any common irrigation resources like canals or tanks? (Yes/No)
3. Is there a Krishi Vigyan Kendra or agricultural extension office nearby? (Yes/No)
4. Are government agricultural schemes widely known in the village? (Yes/No)
5. Do farmers in the village face major pest or crop failure issues? (Yes/No)
6. Are there any local groups promoting organic or sustainable farming? (Yes/No)
7. Are local markets easily accessible to farmers for selling produce? (Yes/No)