



Group:

**FARMING SYSTEM IN HOK TAU, FANLING (PRE-TRIP)**

Enquiry Question:

What are the constraints of farming activities in Hong Kong?

----- **Planning and Preparation before fieldwork**-----

**What data to collect?**

Refer to “factors affecting agricultural production in Sahel and Southern California” in the textbook, draw a concept map in the spaces below (*Hint: including natural and human constraints*)

A large rectangular box containing a central oval with the word "Constraints" written inside it.

**Where to collect data?**

1. Understanding the distribution of agricultural activities in Hong Kong through secondary data:
  - a) List the area where agricultural activities are concentrated:
   
i) \_\_\_\_\_ ii) \_\_\_\_\_ iii) \_\_\_\_\_
  - b) What are the characteristics of agricultural activities in Fanling?
   
Mainly conventional / organic
2. *What are the advantages of conducting farming fieldwork in Hok Tau? (Hint: including accessibility, safety and elements related to the enquiry question)*

Empty rectangular box for answer to question 2.

3. Refer to the map on p.5, *what are the favourable locational factors for the agricultural activities in Hok Tau?*

Favourable factors	Map evidences

**When to collect data?**

We will conduct fieldwork from \_\_\_\_\_ to \_\_\_\_\_ (am/ noon/ pm) on \_\_\_\_\_ (date).  
Is the time favourable for fieldwork on farming? Why? (*Hint: weather condition, accessibility to object of study and elements of enquiry question*)

Empty rectangular box for answer to question 3.



### How to collect data?

Choose appropriate data collection method to investigate the constraints on farming activities in HK.

Data to be collected (Please list the primary data that can be collected.)		Data collection method (put a "✓" in appropriate boxes)					Tools/ equipment (if needed) (Refer to p.3, fill in the no.)	Need to collect sample? (✓ / X)
		Measure ment	Counting	Observation	Interview	Other		
Weather:	e.g. temperature ,humidity							
Water supply:								
Soil:								
Relief:	e.g. aspect							
Field size & tenure:								
Labour:								
Machines & technology								
Market:								
Transport:								
Governme nt/policy:								
Farming process:	e.g. irrigation, crop rotation							
Crops:	e.g. type							
Others (please specify):								

**Tools and equipment:**

The following tools and equipment will be used in farming fieldwork, which of them is/are used to collect data in the table above? Fill in the number of the respective tools and equipment in the table on previous page

2. thermo-hygrometer



### Other preparation work before the fieldwork:

To improve the effectiveness of data collection during fieldwork, please **assign the following tasks within your group**.

- Measurement: Have you operated the above tools and equipment? Listen to the demonstration from instructor carefully during the day of fieldwork to avoid making errors during fieldwork
- Observation: Refer to the link below or other information sources, grasps some idea of the “Common Pests and Diseases in Crops and their Control, ‘Common farm machinery and equipment’ and Fertilizer and soil conditioner

Hong Kong Organic Resource Centre Certification Ltd. ‘List of Approved Material’	Agriculture, Fisheries and Conservation Department ‘Common Pests and Diseases in Crops and their Control’	Agriculture, Fisheries and Conservation Department ‘Common Farm Machinery and Equipment’
		

Fertilizer and soil conditioner	Pests and diseases control	Farm machines and tools

- Interview: For each group, construct **THREE** interview questions from either **ONE** topic from the table below to understand the constraints of farming activities and strategies to cope with those constraints. (*Hint: each group is responsible for different interview topic*)

Background of farmer to be interviewed:	<ul style="list-style-type: none"> <li>▪ Farmer: Mr. Lo</li> <li>▪ Age: over 70</li> <li>▪ Farming experience: conventional farming in Yuen Long over 7 years and started organic farming in Hok Tau since 2015.</li> </ul>
Choose one topic: <input type="checkbox"/> Weather/ Climate <input type="checkbox"/> Soil <input type="checkbox"/> Land supply <input type="checkbox"/> Labour <input type="checkbox"/> Market <input type="checkbox"/> Government/ Policy	Question 1:
	Question 2:
	Question 3:



