

## The What and Why of secondary data?

Secondary data is social, economic, crop and environmental information that helps you understand agriculture (e.g., crop production and profits) and identify needs and opportunities for an area.



Combine Secondary data with field observation to identify needs and opportunities

- **What are Land uses** (Show major crops, livestock, forestry, etc.)

### Crops, area and production (Adapt as needed).

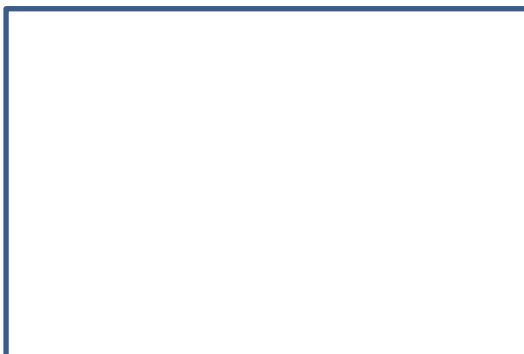
Commodity	Winter			Summer		
	Area, '000 ha	% area	Average Yield, (t ha <sup>-1</sup> )	Area, '000 ha	% area	Average Yield, (t ha <sup>-1</sup> )
Grain						
Horticulture						
Livestock						
<b>Total or Mean</b>					<b>100.0</b>	

Typical rotation? \_\_\_\_\_

Draw a map or maps if helpful

- **Rainfall and temperature.** Graph monthly rainfall (mm) and monthly temperatures (Maximum and minimum) against the cropping pattern (e.g., showing planting, seedling, flowering, harvest)

Rainfall



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Temperature



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# Secondary Data

- **Soils and topography.**

Get or draw a map showing topography, infrastructure and major soil types. (Use Google maps and Google Earth to assess infrastructure, waterways, cities, etc..).

Compare this map with land use.

- **Socio-economic.**

Can you define clear target farmer groups (based on general socio-economic conditions like Income, Credit access, Gender? etc.)?

Define major groups

Major Characteristics	Number	Percent of total	Comments
		100.0	

### Farm size and numbers

Farm size* (e.g., <0.5 ha, 0.5-1 ha, etc.)	Category (e.g., small, medium, etc.)	Number of farms	% of total
<b>Total</b>	--		<b>100.0</b>

\* use whatever classification is common.

- **Factor assessment**

Factor	General Rating (e.g., Good, Satisfactory or Poor)
Season temperatures (Any risks? Frost drought?)	
Primary soil types (e.g., clay, silt, sand), Any problems (e.g., pH)	
Rainfall distribution?	
Water quality?	
Soil fertility?	
Access to information?	
Access to credit?	
Access to inputs?	
Access to markets Good?	
Other	

**Conclusions.** \_\_\_\_\_