



# Secondary data

## What is secondary data?

Secondary data refers to social, economic, crop and environmental information used to analyze crop production and profits for the selected area.

## Why collect secondary data?

Secondary data helps in identifying needs and the most suitable type of intervention(s) for a selected area.

## Types of data

- **Land use.** Primary land uses (crop, livestock, forestry, etc.)
- **Rainfall and temperature.** Graph monthly rainfall (mm) and monthly temperatures (Maximum and minimum) against the cropping pattern (e.g., showing planting, seedling, flowering, harvest)
- **Soils and topography.** Get soil or topographical maps of the area. Google maps and Google Earth offer excellent options for evaluating regions – looking at infrastructure, waterways, cities, etc..
- **Socio-economic.** Collect any socio-economic survey data or reports.



Combine Secondary data with field observation to identify needs and opportunities

## Examples of secondary data and use (Example only)

### Crops, area and production.

Major crops	Area, '000 ha	% area	Average Yield, (t ha <sup>-1</sup> )
Rice	20	50	2.1
Wheat	15	37.5	1.1
Other	5	12.5	
<b>Total or Mean</b>	<b>40</b>	<b>100.0</b>	

### Farm size and numbers

Farm size	Category	Numbers	% of total
< 0.5 ha	Small	55,000	72
0.5 – 1.0 ha	Medium	20,000	26
> 1.0 ha	Large	1,000	2
<b>Total</b>	<b>--</b>		<b>100.0</b>

### Factor assessment

Factor	Rating
Season temperatures (Any risks?)	Early and late season frost
Rainfall distribution (Good, Satisfactory or Poor)?	Poor – mid season
Water quality? (Good, Satisfactory or Poor)?	Satisfactory
Primary soil types (e.g., clay, silt, sand)	Clay loam dominant
Soil fertility: (Good, Medium, Poor)?	Medium (P deficiency common)
Access to information (Good, Medium, Poor)	Poor
Access to credit (Good?)	Poor
Access to inputs (Good?)	Medium
Access to markets (Good?)	Poor

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