

Ramthal Micro Irrigation-East Area, Karnataka

Crop maps of Rabi and Kharif 2017-2019

This document includes maps and graphs illustrating the commonness of the crops by type. It is based on data collected by Jain Irrigation Systems Ltd. in 2017-2019.

The farmer sample do not include all farmers on the east area. As displayed below, the number of farmers sampled differs from one season to another.

Season		Total farmers sampled
Rabi	2017	482
	2018	725
	2019	607
Kharif	2017	1431
	2018	624
	2019	1684

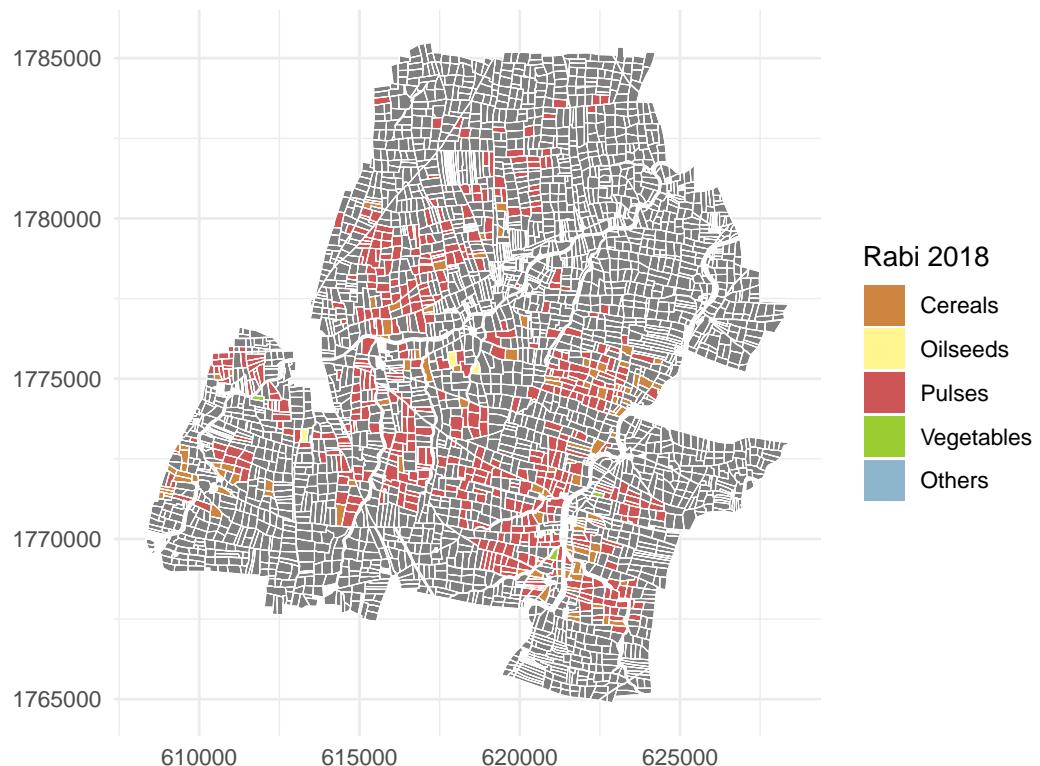
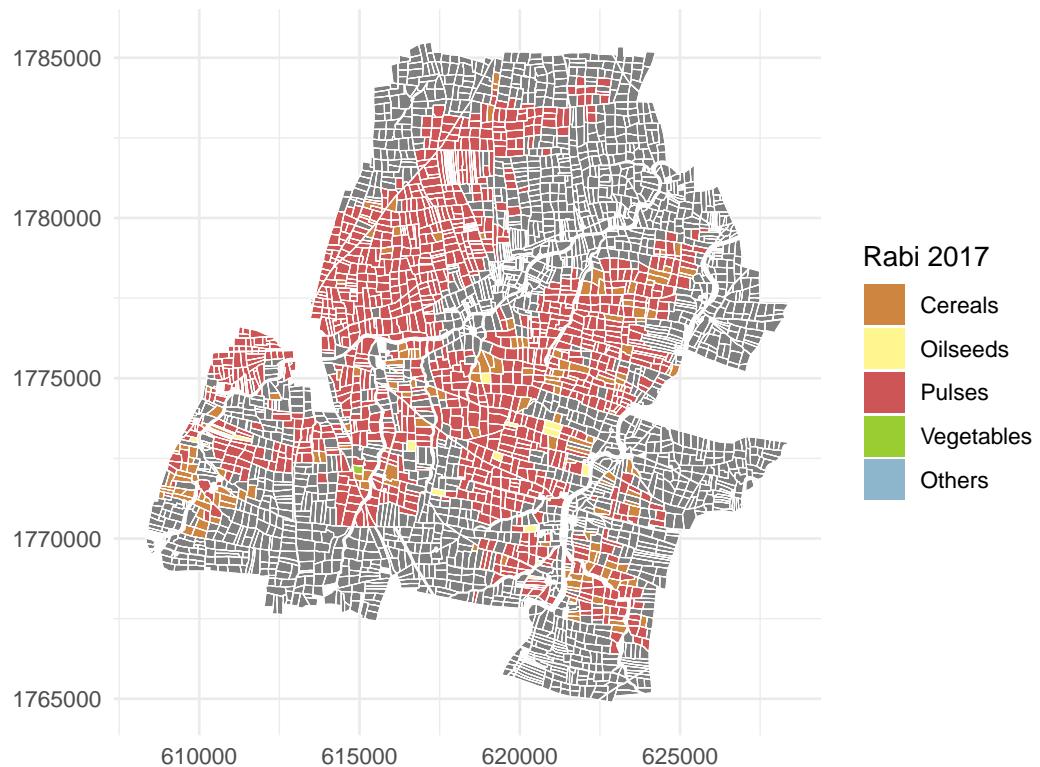
This document contains:

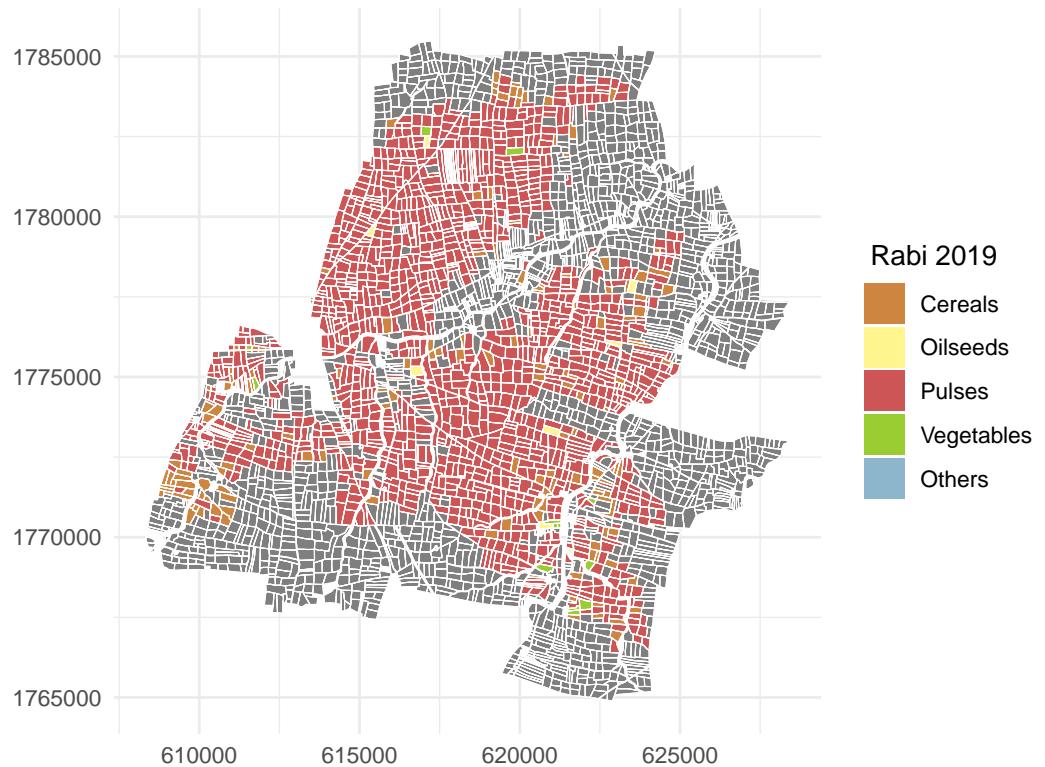
- Every plot combines several crops types, so we ought to choose one for the map coloring. In the first following maps, we sign the most dominant crop, Which spreads over most of the plot area.
- In the next maps, only the plots with high-value crops were colored, even if these crops were not the dominant ones in the plot. In this way it is possible to examine the extent to which high-value crops have been adopted.
- The data relating only to high-value crops we plotted on a graphs to examine the frequency in numbers.

Mapping by Common Crop

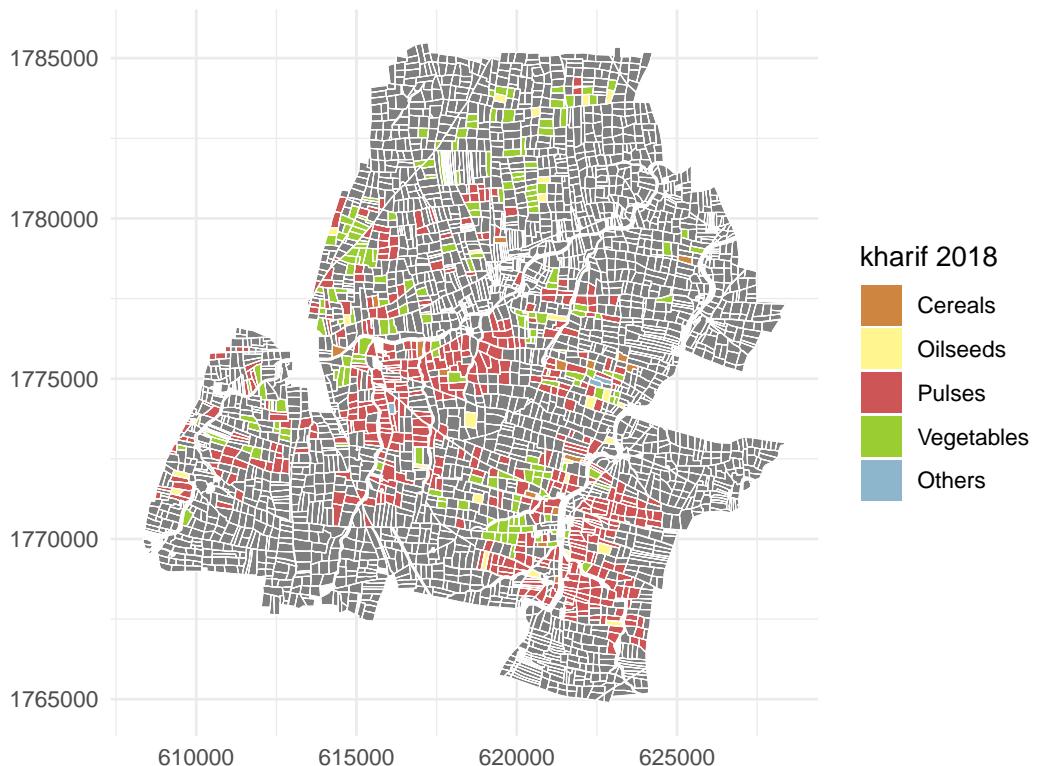
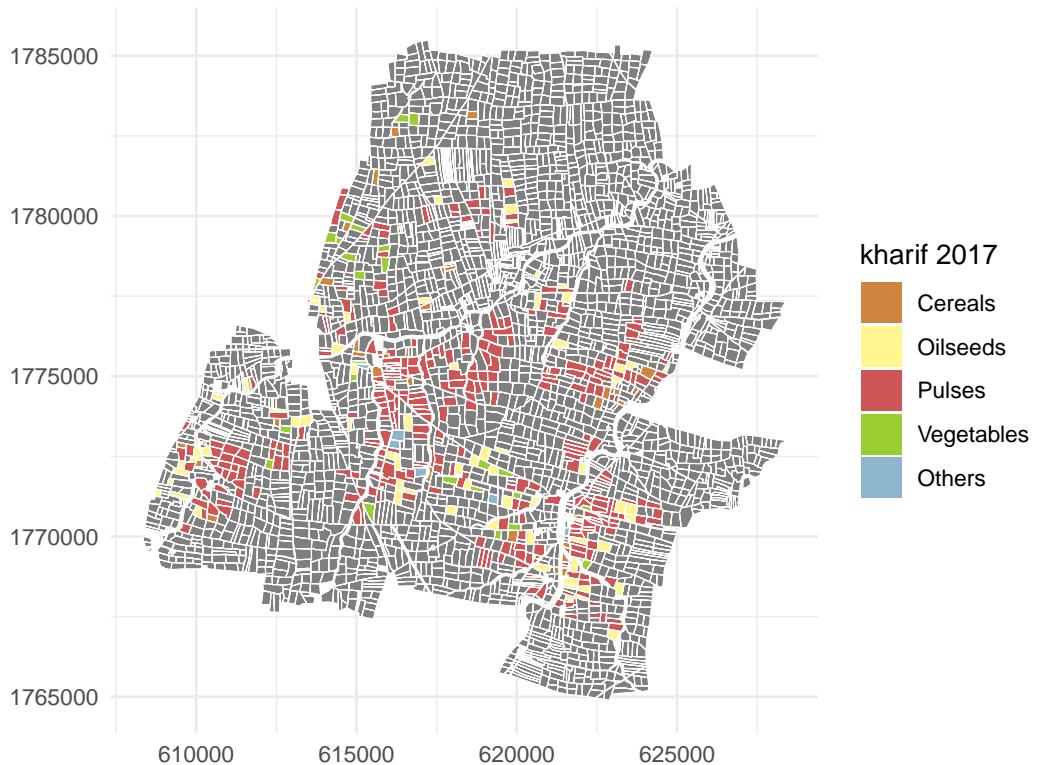
Crops were grouped into categories of cereals, pulses, vegetables, oilseeds, and ‘other’ . The gray areas are plots with no data. The crop list appears at the end of the report. Rabi seasons maps are shown first, followed by the Kharif seasons.

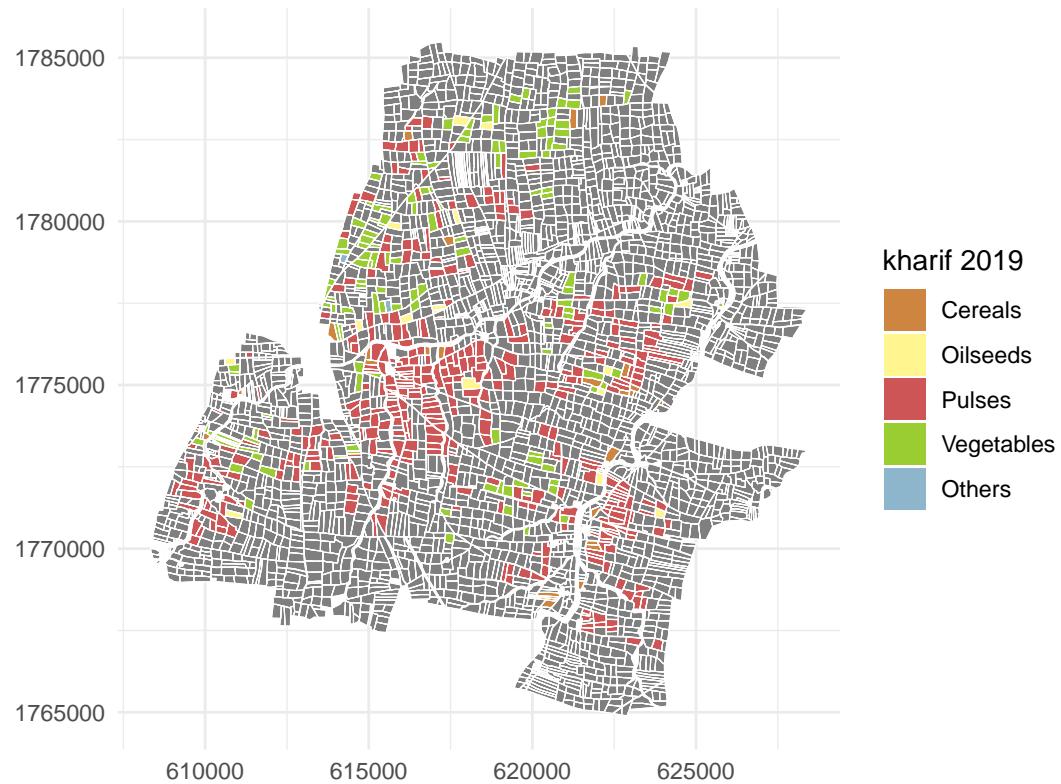
Rabi





Kharif





Mapping by High-Value Crop

The maps below show only high-value crops of vegetables and oilseeds grown mainly in the Kharif season. The primary vegetables are Chilly and Onion, while oilseeds are Sunflower and some Cotton.

Rabi





Kharif

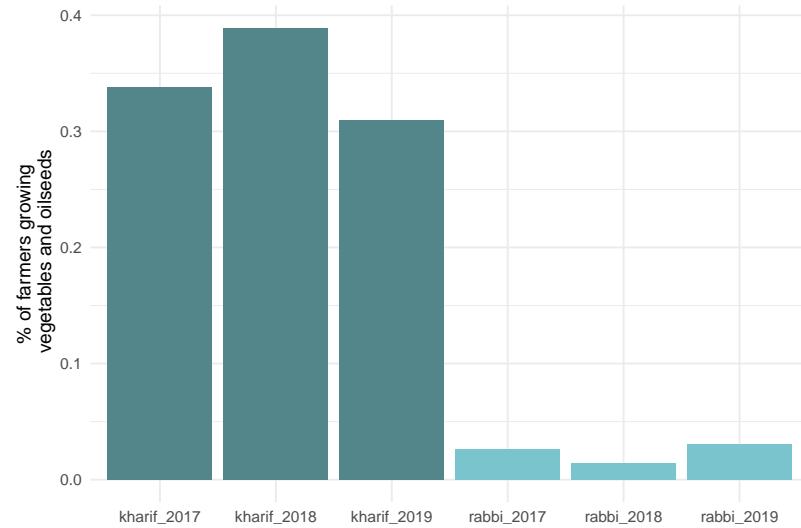




High-value Crops Frequency

Vegetables and Oilseeds

Percentage of farmers growing vegetables and oilseeds out of all sampled farmers



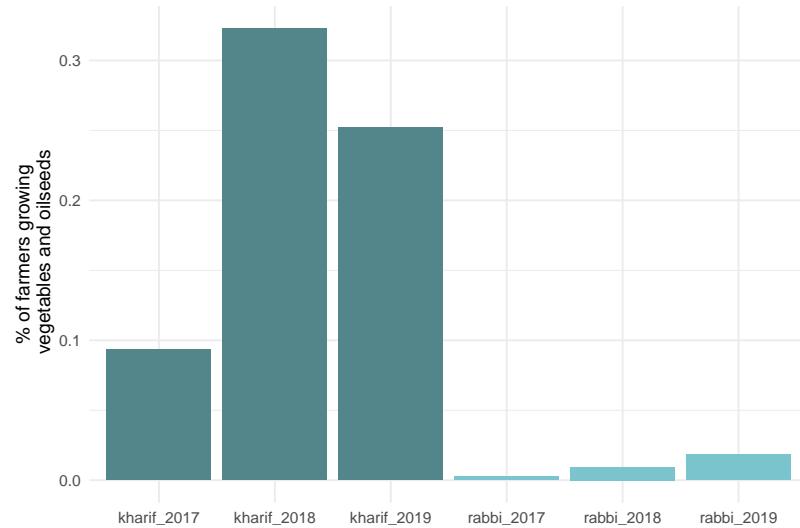
The table shows the frequency data in numbers

Table 2: High-value Crops frequency

season	High-value crops farmers	Total farmers sampled	Percentage
kharif_2017	163	482	34%
kharif_2018	282	725	39%
kharif_2019	188	607	31%
rabi_2017	38	1431	3%
rabi_2018	9	624	1%
rabi_2019	52	1684	3%

Vegetables only

Percentage of farmers growing vegetables out of all sampled farmers



The table shows the frequency data in numbers

Table 3: Vegetable Crops frequency

season	High-value crops farmers	Total farmers sampled	Percentage
kharif_2017	45	482	9%
kharif_2018	234	725	32%
kharif_2019	153	607	25%
rabbi_2017	4	1431	0%
rabbi_2018	6	624	1%
rabbi_2019	31	1684	2%

crops list

Pulses

Redgram, Greengram,Bengalgram

Cereals

Jowar, Wheat, Foxtail, Bajara, Millet, Maize

Seeds

Sesamum, Sunflower, Safflower, Cotton, Yallu

Vegetables

Chilly, Onion, Cucumber, Corainder, Garlic