

A Study to analysis watershed in dagdiamba village, dang district, Gujrat



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MBA RM- 06

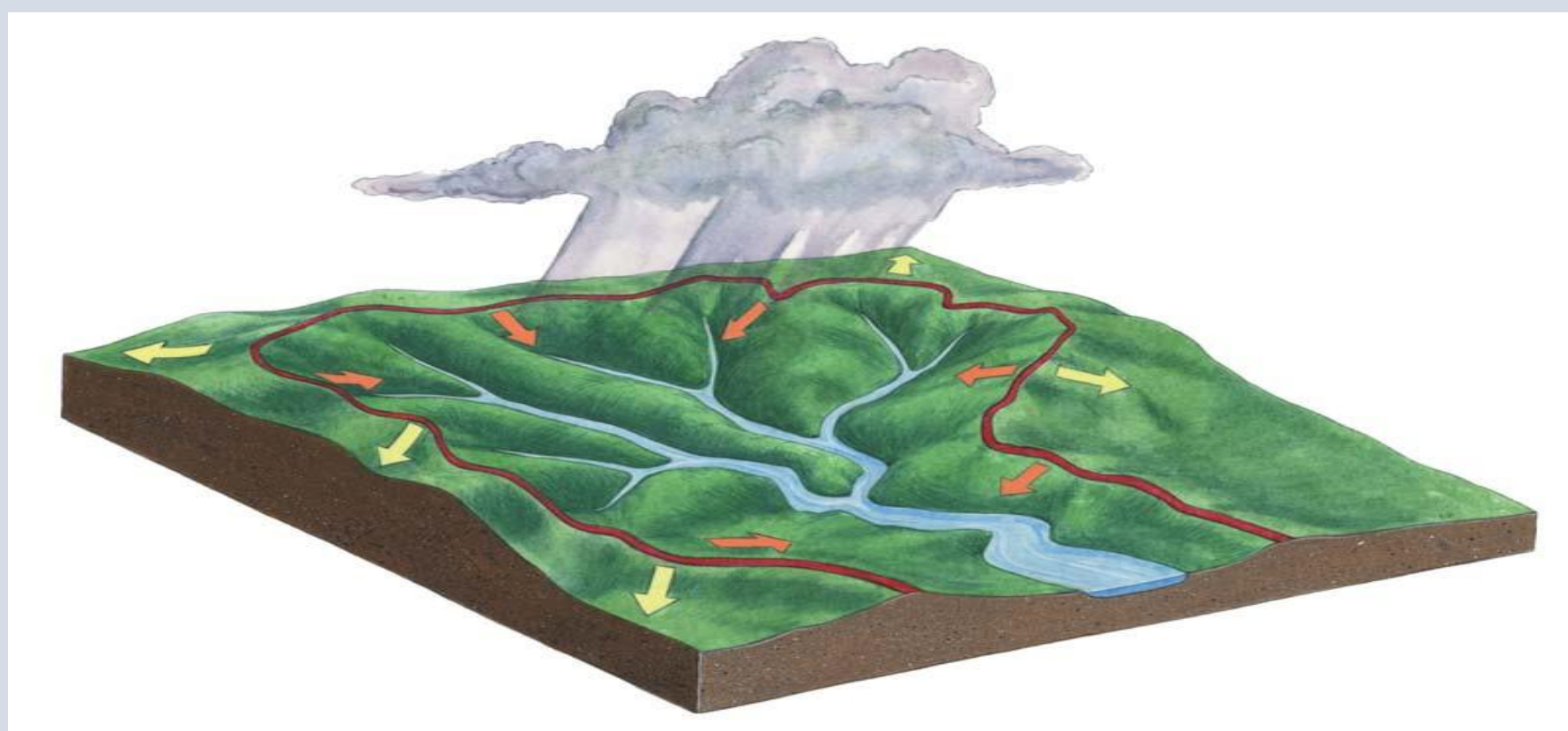
Roll No - 29

Mentor : – Ratna Varma



Introduction

A watershed describes an area of land that contains a common set of streams and rivers that all drain into a single larger body of water, such as a larger river, a lake or an ocean.



In AKRSP, the work of frame bunding, loose check boulder, drain plugging, gabion, land leveling and CCT has been done by SWC, 95.89 Hector in total frame bunding and drainage plugging is 0.71 Hector.

Objective Of Study

- To understanding Benefit of SWC works in dagdiamba.
- To Suggest potential of other land development work in dagdiamba.

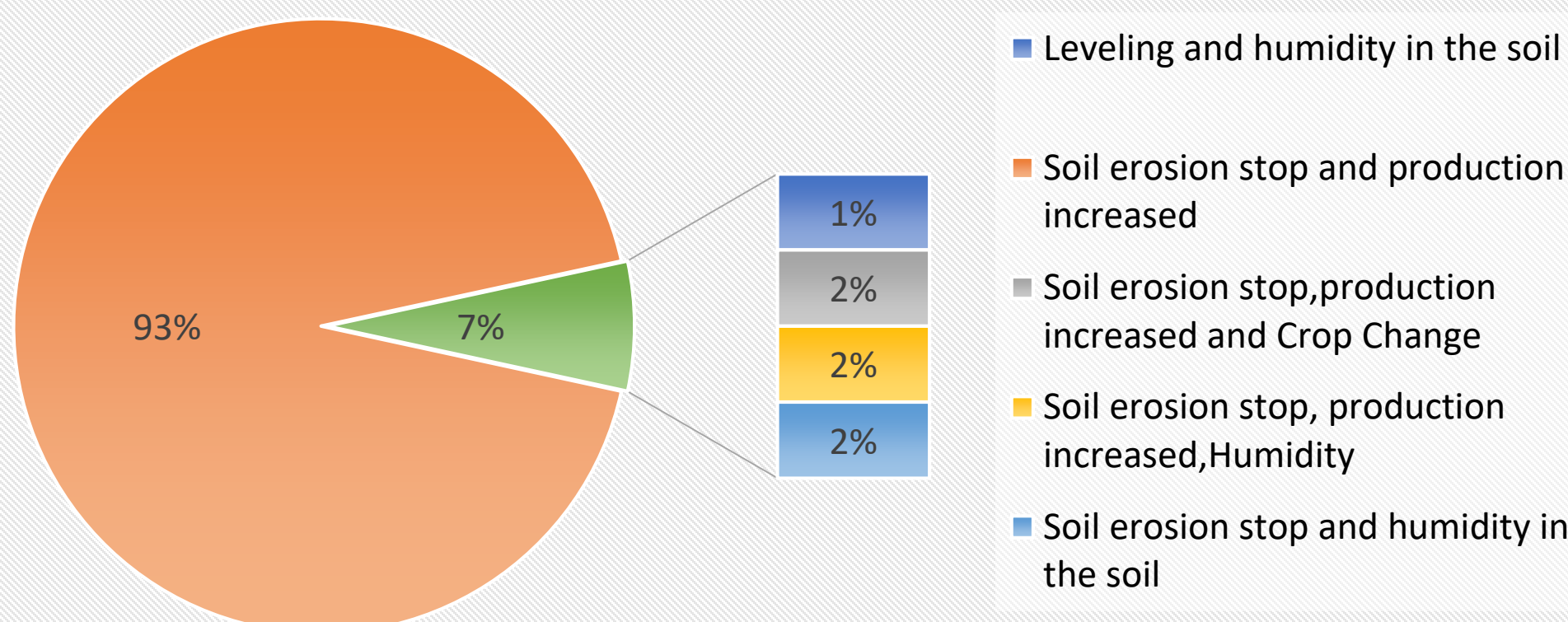
Methodology Of Study

- Primary Data :-**
House hold survey, interview
- Sample size - 30 % of the HHs under SWC project i.e 60 HHs in 1 village.

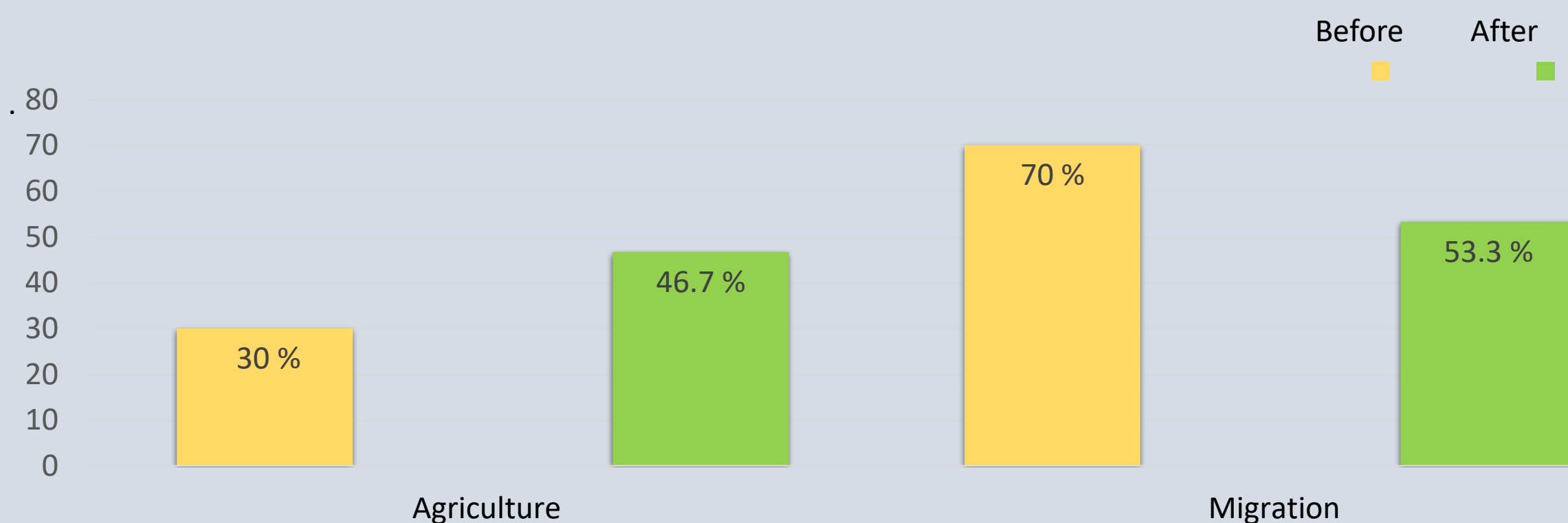


2. Benefits from SWC Activities

Benefits Activity

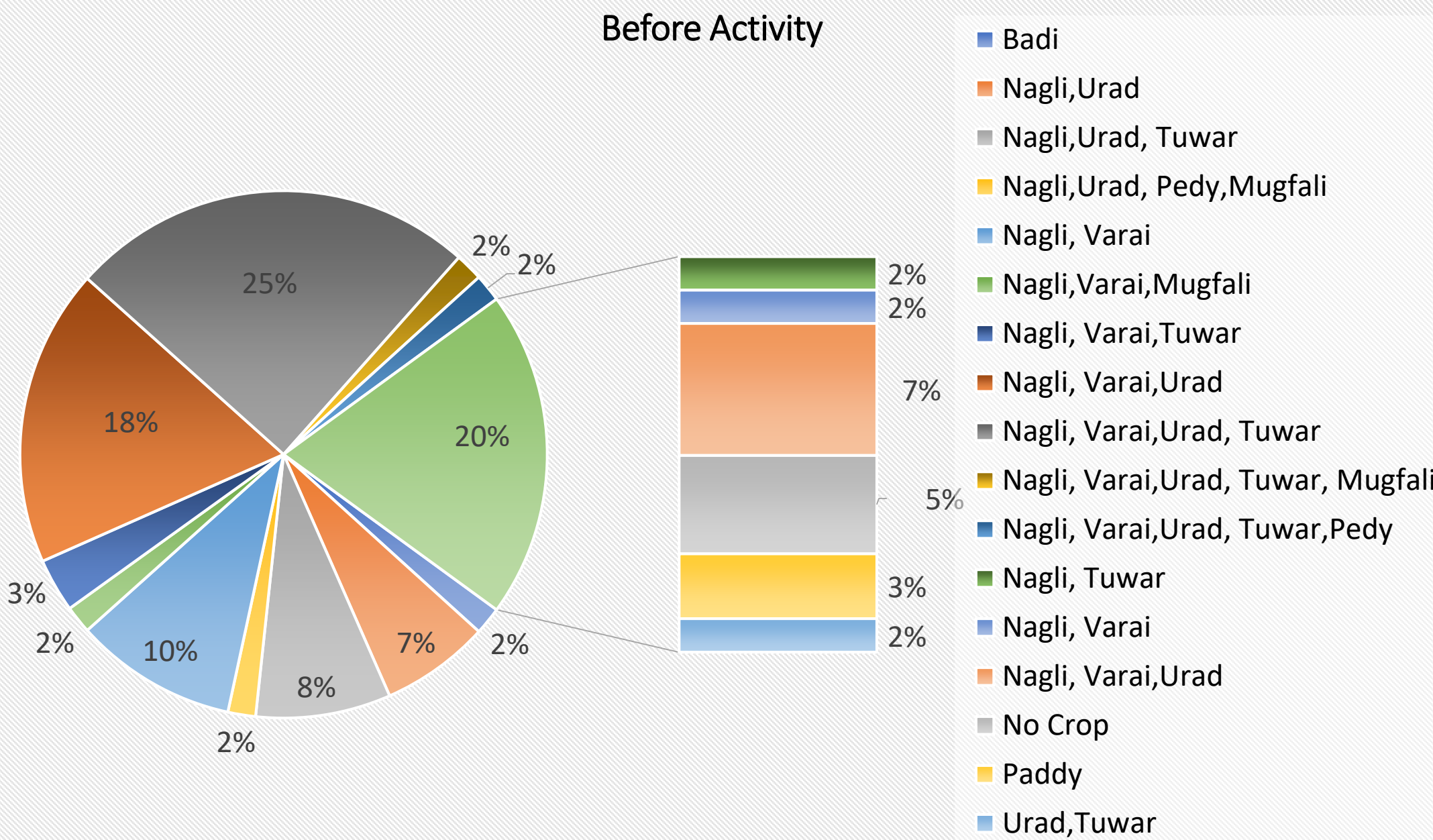


5. Increase of Source Income

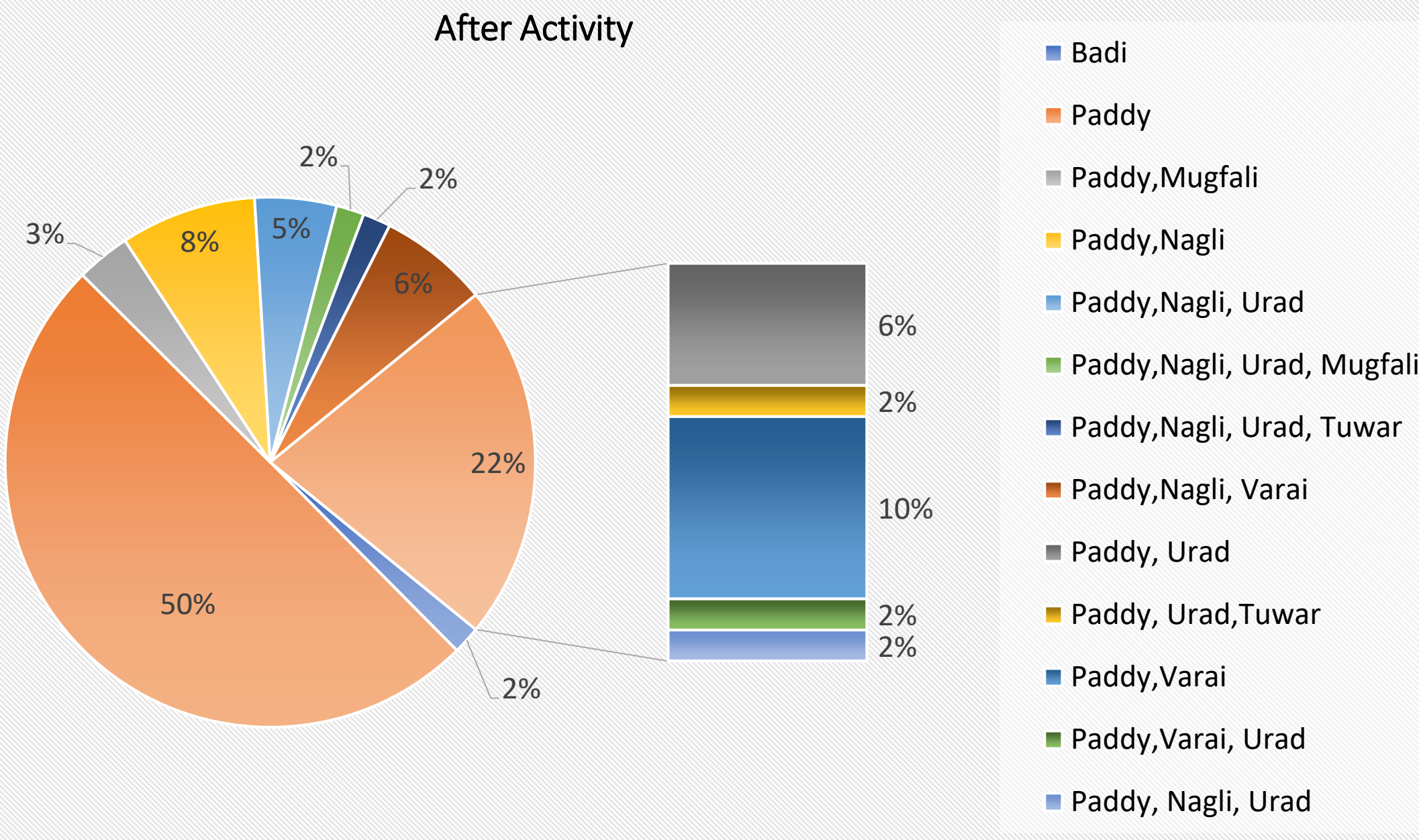


6. Crop Pattern

Before Activity

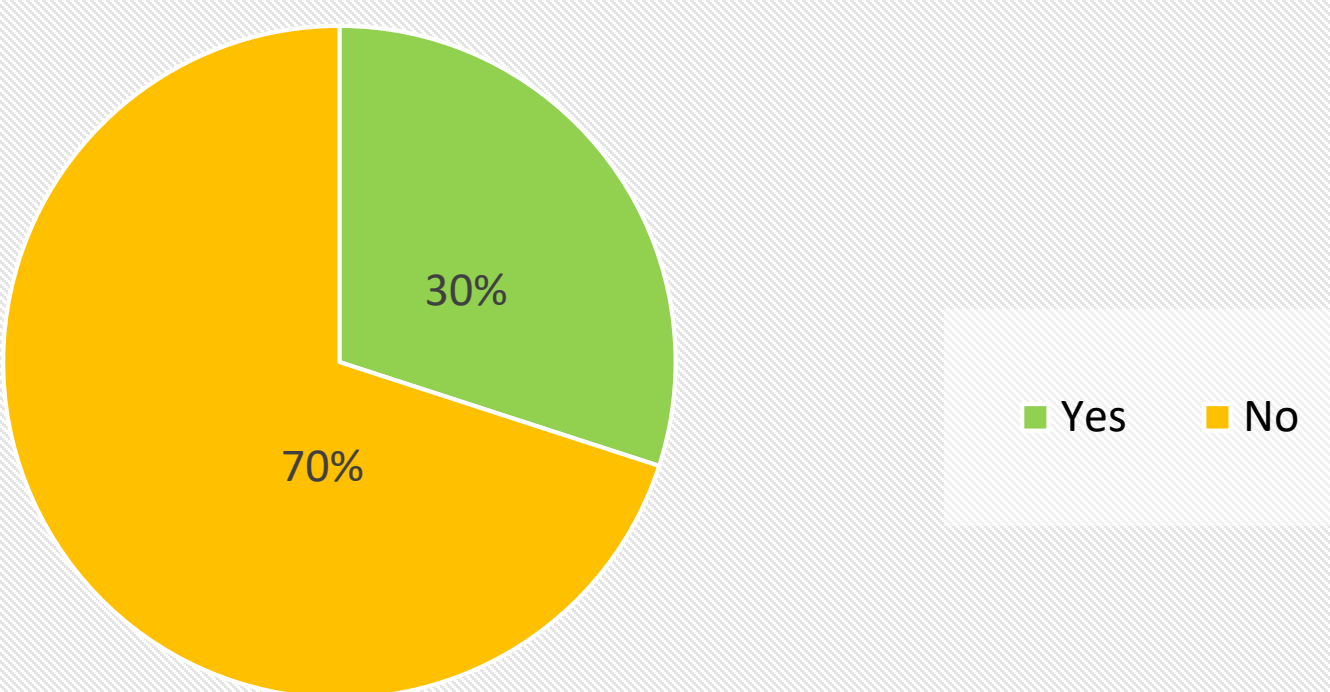


After Activity



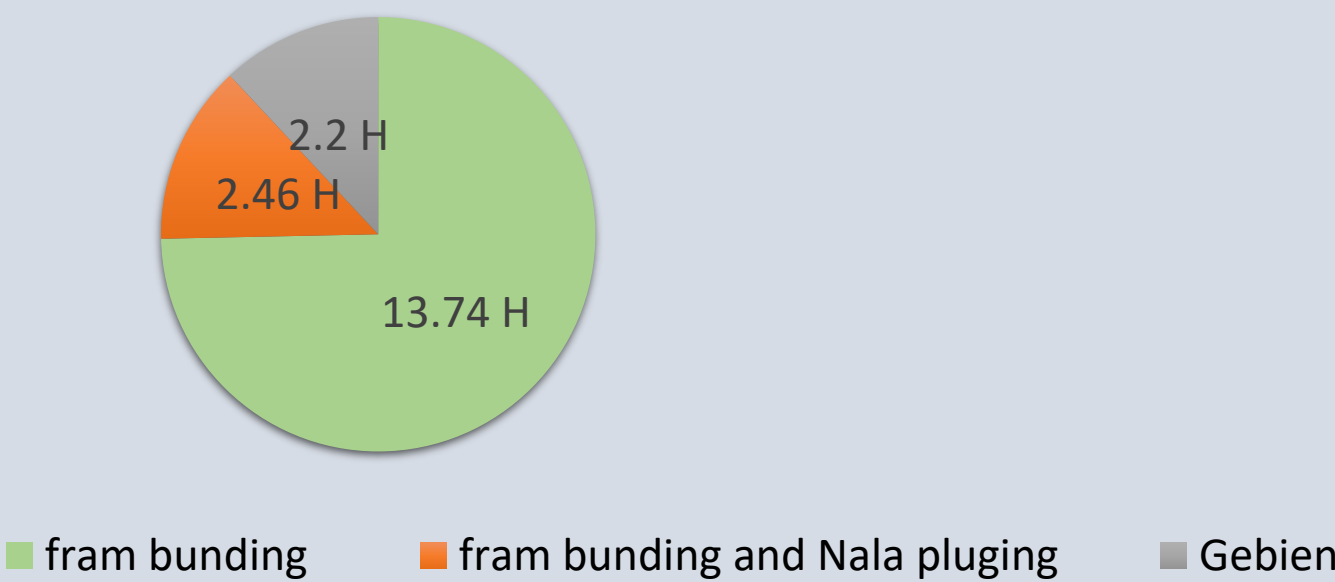
3. Increase in Water Level

Water Level



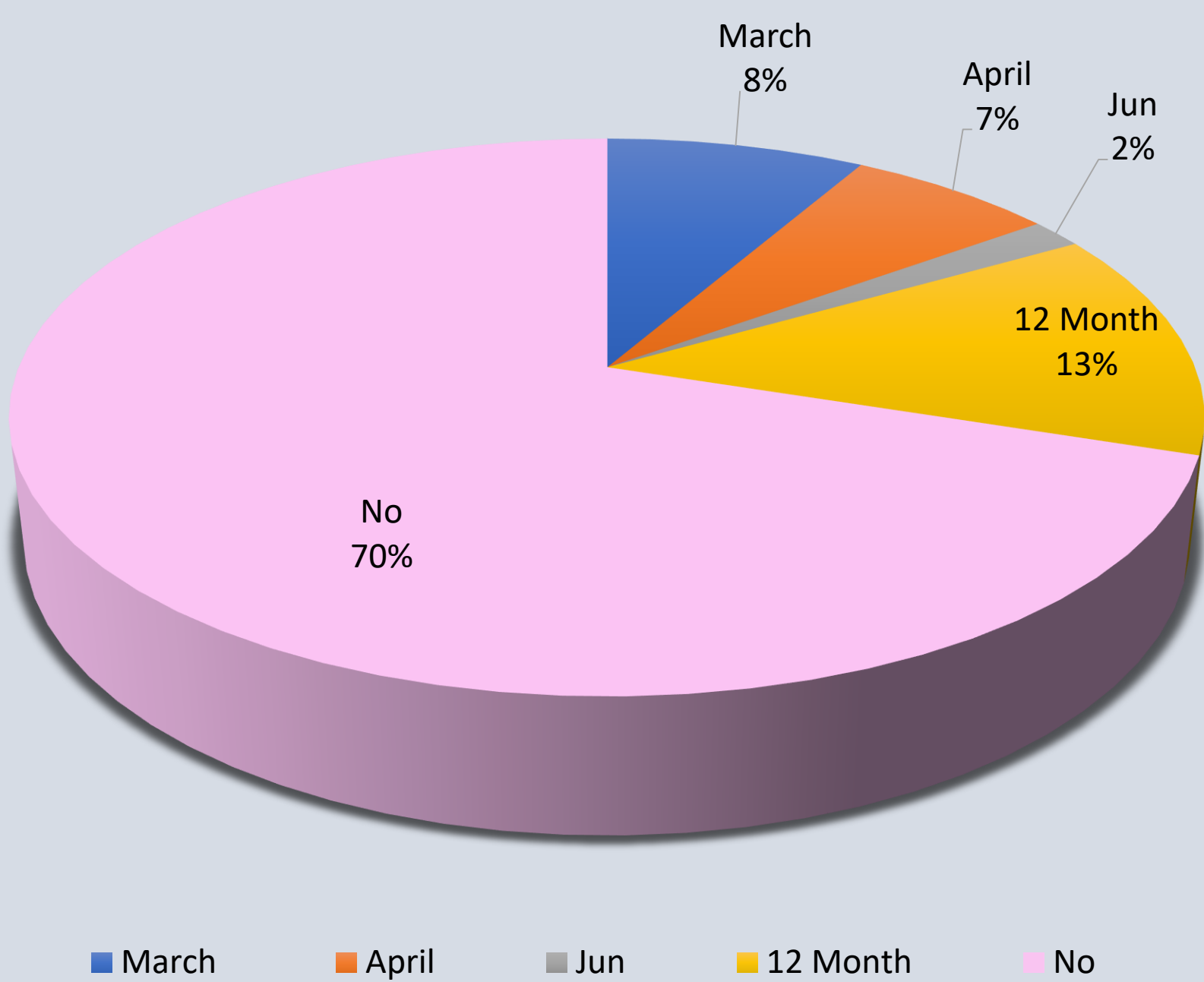
7. Development of New Land

New Land

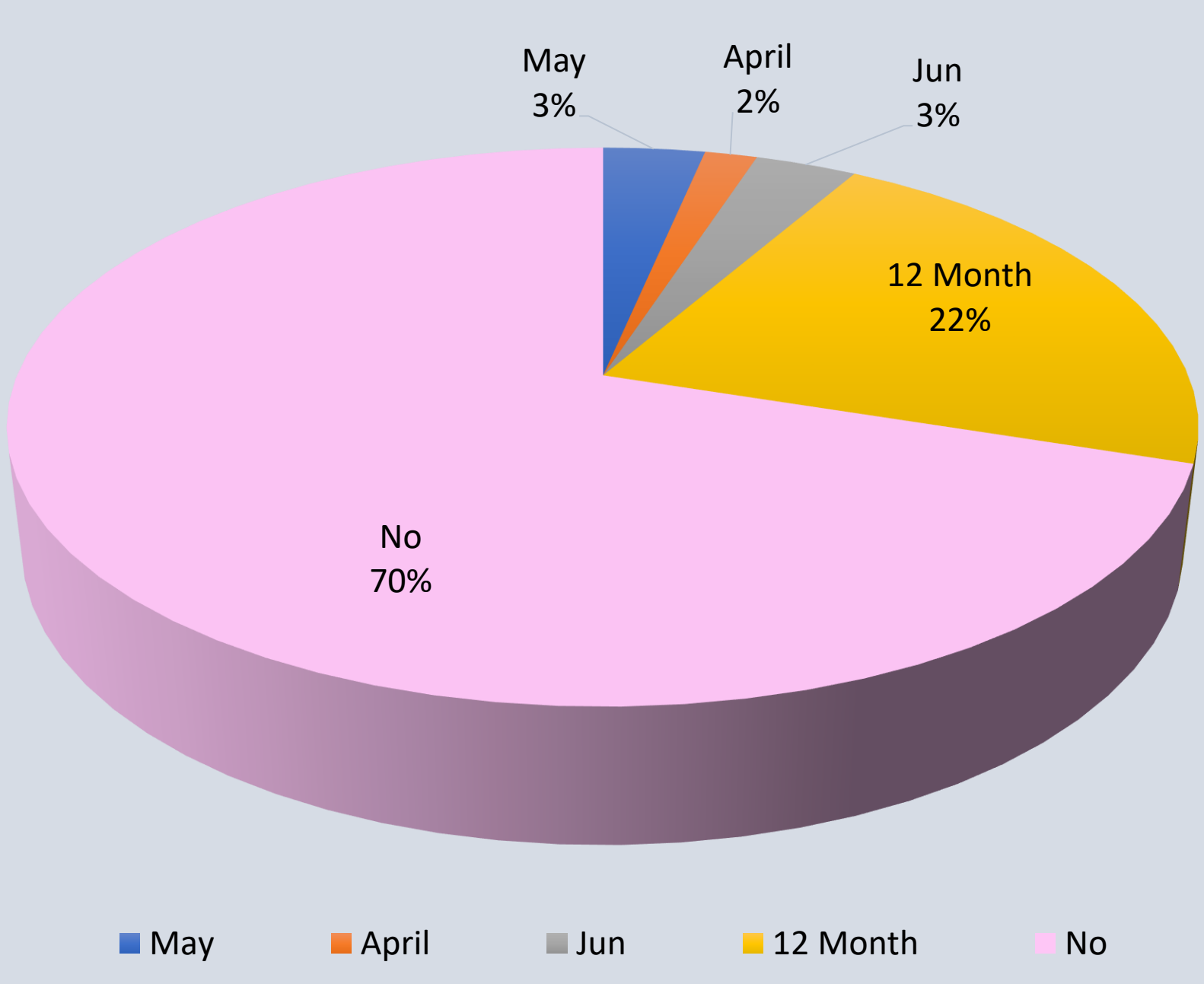


4. Précises increase in Water Level

Before Water Level

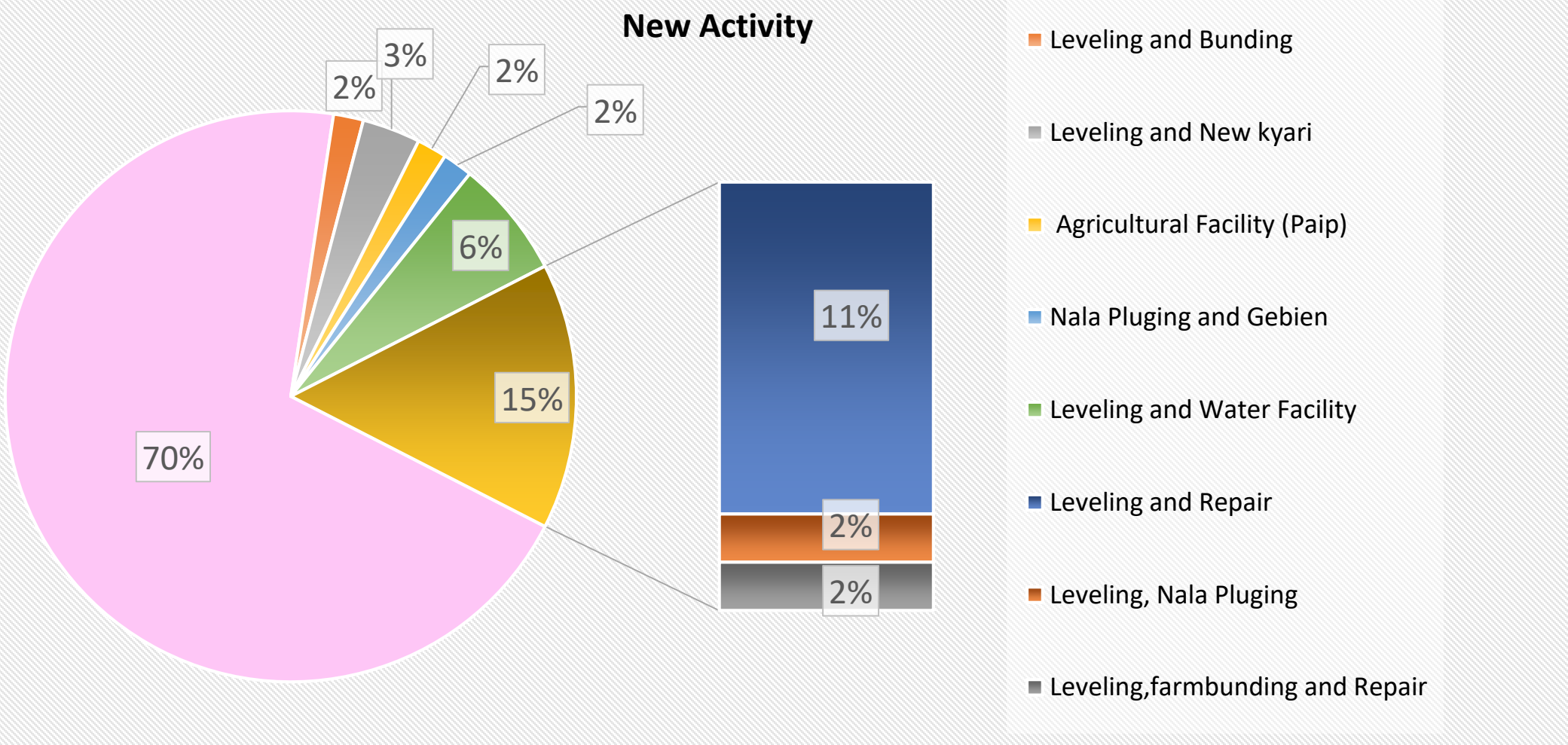


Current Water Level



8. Potential of other activities

New Activity



Conclusion

Out of 216 HHs in village 180 HHs were covered under SWC. 30 % of HHs have been survey under the study. Defending shows that after the activities large benefits include reduction in soil erosion and increase in production up to 93 %. The water level has also increased for 30 % HHs. Income has increased up to 46.7 % from agriculture, 50 % HHs started growing paddy crop. The activity also helped in developing in new land.

Recommendations

- ❖ The work of SCT and CCT will increase the water level of the ground.
- ❖ Sprinkler and drip for irrigation may be taken from PMKSY.
- ❖ Youth Committees and women SHGs may be formed and skill development training may be given.
- ❖ To make women aware of the village and train skill development of SHG.
- ❖ Recommended to practice some water conservation techniques like soak pit, rain water harvesting, etc. and instructed to follow any cheap measure to filter the drinking water.
- ❖ Recommended to practice kitchen garden and integrated farming