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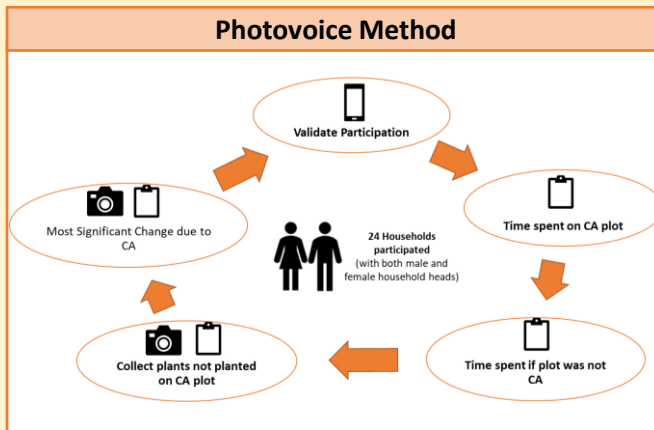
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### Context

The agronomic impacts of CASI are well documented, yet farmers' **perceptions of changing weed management practices and implications on household roles and responsibilities** and **agency exchange** remains underexplored

### Purpose

- Apply a gendered lens to understand if CA weed management practices create additional burden for females
- Understand how additional time and money obtained through Implementing a CA system is utilised

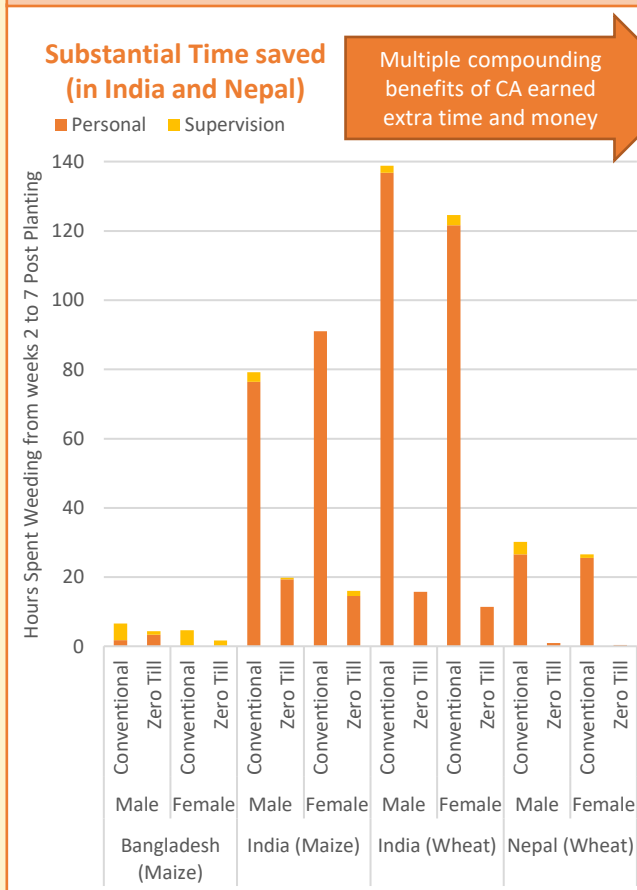


### Study Locations

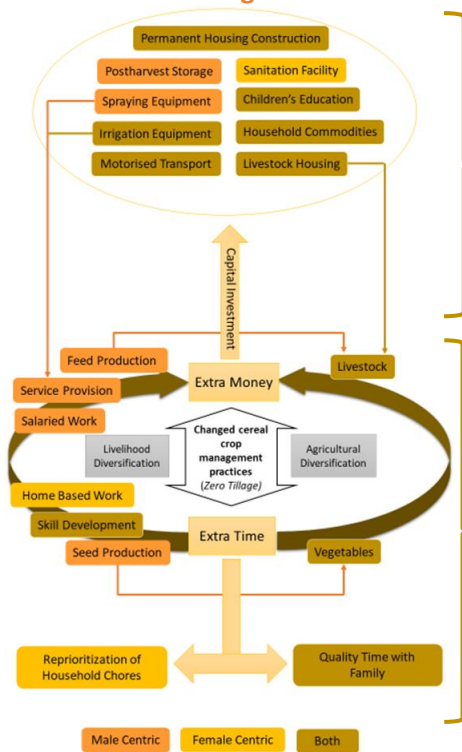
**For Maize:**  
Pirgunj, Birgunj (Bangladesh)  
Dinhata (West Bengal, India)

**For Wheat:**  
Ghughumari (West Bengal, India)  
Bhokraha (Sunsari, Nepal)

## Findings: CA does not reinforce or deepen existing inequalities and has multiple secondary benefits!



### Diversity in utilization of financial and time savings for livelihood and investment strategies



Leading to life satisfaction



### Conclusions

- Household investments link to **livelihood satisfaction** highlighting **overall wealth creation**
- Income **opportunities** for men extend **beyond the household domain**
- Women** tend to engage in **home-based work** that allows for simultaneous management of **household chores**
- Future **extension** efforts focus on **weed management** and **herbicide use**
- Benefits of ZT**, and more broadly cereal system intensification may be **broader** than originally envisaged and highlight the **importance** of exploring **direct** and **indirect benefits** with users

CIMMYT International Maize and Wheat Improvement Center

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Australian Government Australian Centre for International Agricultural Research



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Online Congress Bern, Switzerland  
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