

Conservation Agriculture as a Sustainable Intensification Strategy to Increase System Resilience and Productivity

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INTRODUCTION



Low productivity in Zambia and Malawi due to:

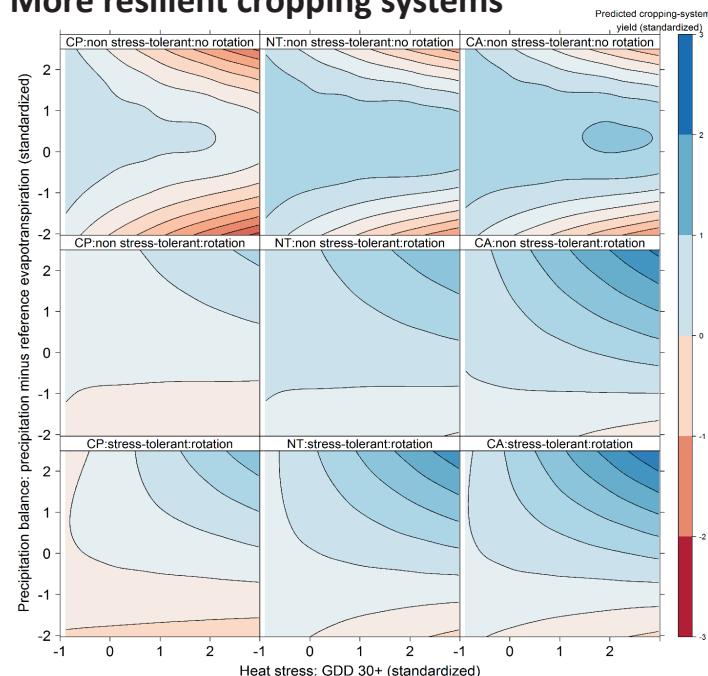
- Declining soil fertility & organic matter resources
- Erratic climatic conditions (drought, heat stress)
- Low input use

Conservation Agriculture as possible solution:

- Minimum soil disturbance
- Soil cover with organic material
- Crop diversification

RESULTS

More resilient cropping systems



METHODS



Our strategy:

- Participatory action research in living labs across Zambia and Malawi on sustainable intensification
- Analysis of longer term benefits
- Understanding the adaptive capacity of Conservation Agriculture

