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**HORTICULTURE
INNOVATION LAB**

UC DAVIS
UNIVERSITY OF CALIFORNIA

INNOVATIONS IN DRY SEASON HORTICULTURE FOR WOMEN AND SMALLHOLDERS IN EAST AFRICA





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FARMER LED IRRIGATION



ADAPT TO WHAT FARMERS
WANT

NOT

TEACH THEM TO DO WHAT
YOU WANT



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TECHNOLOGY

EXPERIMENTATION — ITERATION — INTEGRATION

INTRODUCING NEW TECH — FARMERS CHANGE IT — USING MULTIPLE METHODS





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INSTITUTIONS

STATUS QUO –
MIGHT MAKES RIGHT

OWNERSHIP AND MEMBERSHIP –
ADJUSTING THE
RULES AND NORMS

GOAL-ORIENTED SYSTEMS –
LAND ACCESS,
EQUIPMENT HANDLING ,
FINANCIAL MANAGEMENT





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ECONOMICS



PLOT LEVEL PROFITABILITY
'PATA-POTEA' – SOMETIMES YOU GET ,
SOMETIMES YOU LOSE

**MAINTENANCE AND
EXPANSION**
GROUP SAVINGS AND INVESTMENT – AN
ONGOING CHALLENGE

CREDIT AND FINANCE
SAVINGS AND LOANS ASSOCIATIONS –
INTEGRATED WITH IRRIGATION GROUPS



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GENDER

FARMER-LED USUALLY MEANS LED BY MEN
PERCEPTION THAT WOMEN CAN'T MANAGE 'TECHNOLOGY'



OPPORTUNITIES FOR
WOMEN TO LEAD
'PROJECTS' OFFER
OPPORTUNITY TO NORMALIZE
WOMENS' PARTICIPATION

COOPERATION HELPS
WOMEN MORE
FIND WAYS FOR WOMEN AND
MEN'S STRENGTHS TO
COMPLEMENT EACH OTHER