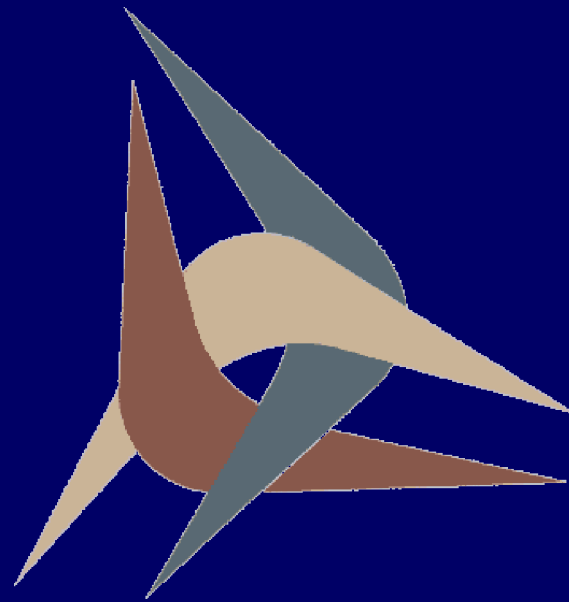


Assisting AIDS Affected Households

The LEAD Approach in Zimbabwe



SEEP Conference: October 2006

Zimbabwe in Crisis 2003-5

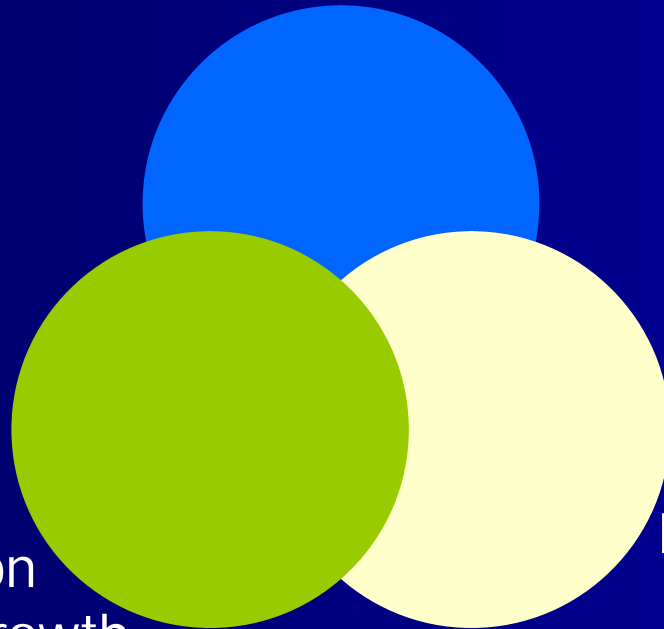
- q A country sliding rapidly towards economic "meltdown"
- q 3 out of 4 persons facing food shortages
- q Conservatively 35% of the adults are infected with HIV– up to 70% in some pockets
- q Orphans and vulnerable children number in the hundreds of thousands

The LEAD Program

- q Linkages for the Economic Advancement of the Disadvantaged
- q LEAD began as a microenterprise development project but took on a scaled up humanitarian focus as conditions worsened.
- q First time USAID health funds added to economic growth funds in long-term project (2001-2005)

AIDS Economic Mitigation

Food Security and
Better Nutrition

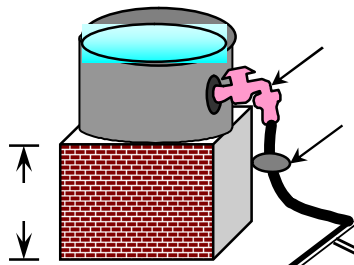
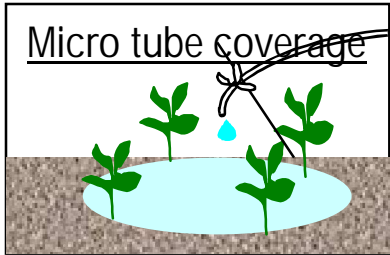


Asset Protection
and HH Capital Growth

Enterprise and
Income
Generation

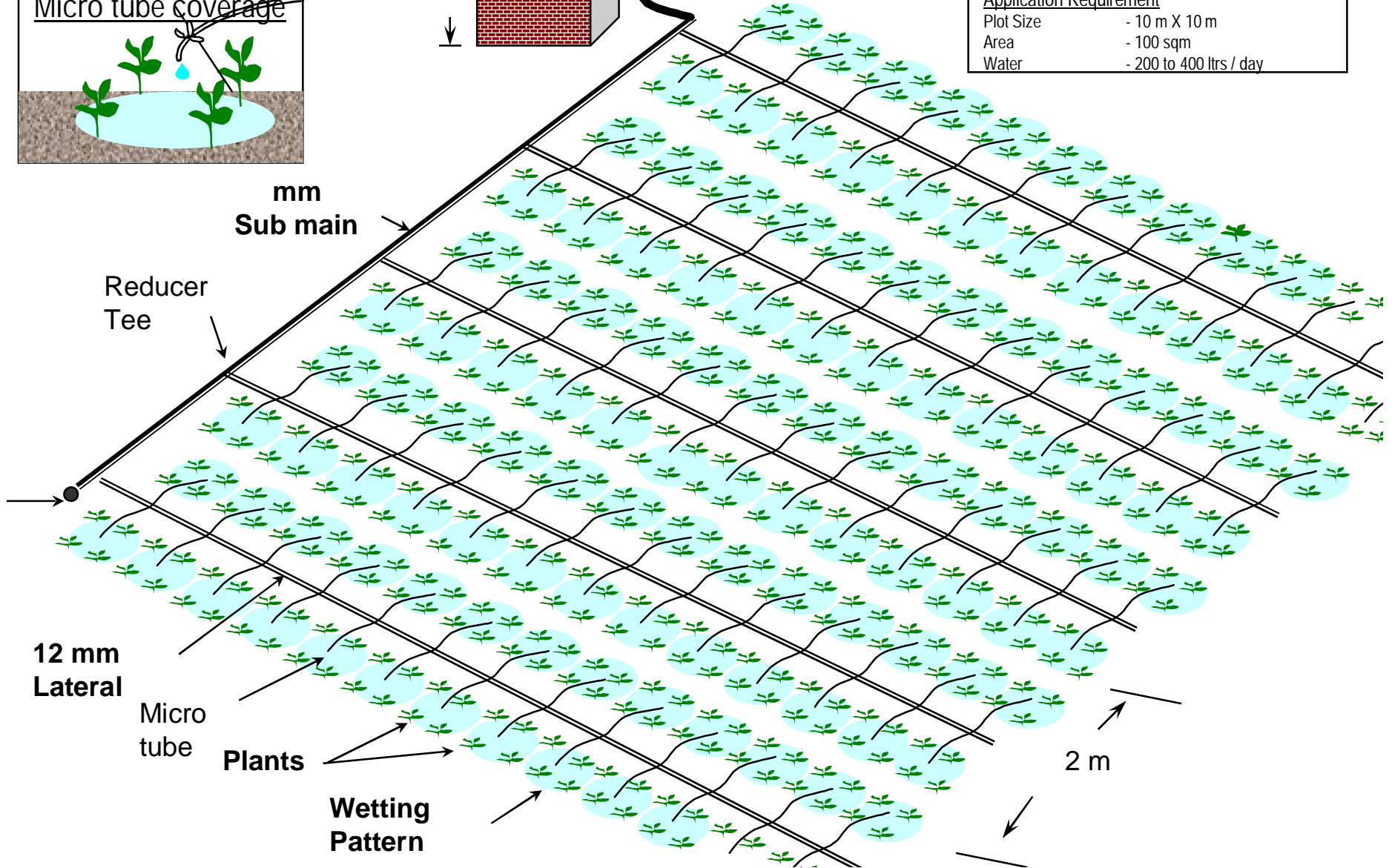
Types of Interventions

- q Household Nutrition Gardens
- q Commercial Linkages
- q Drought Tolerant Crops
- q Microfinance
- q Legal Services (wills and guardianships)
- q Business Opportunity Centers



System Configuration	
Drum (200 liters)	- 1 No
16 mm Submain (with Tee, tap & Filter)	- 1 line
12 mm Lateral line	- 5 lines

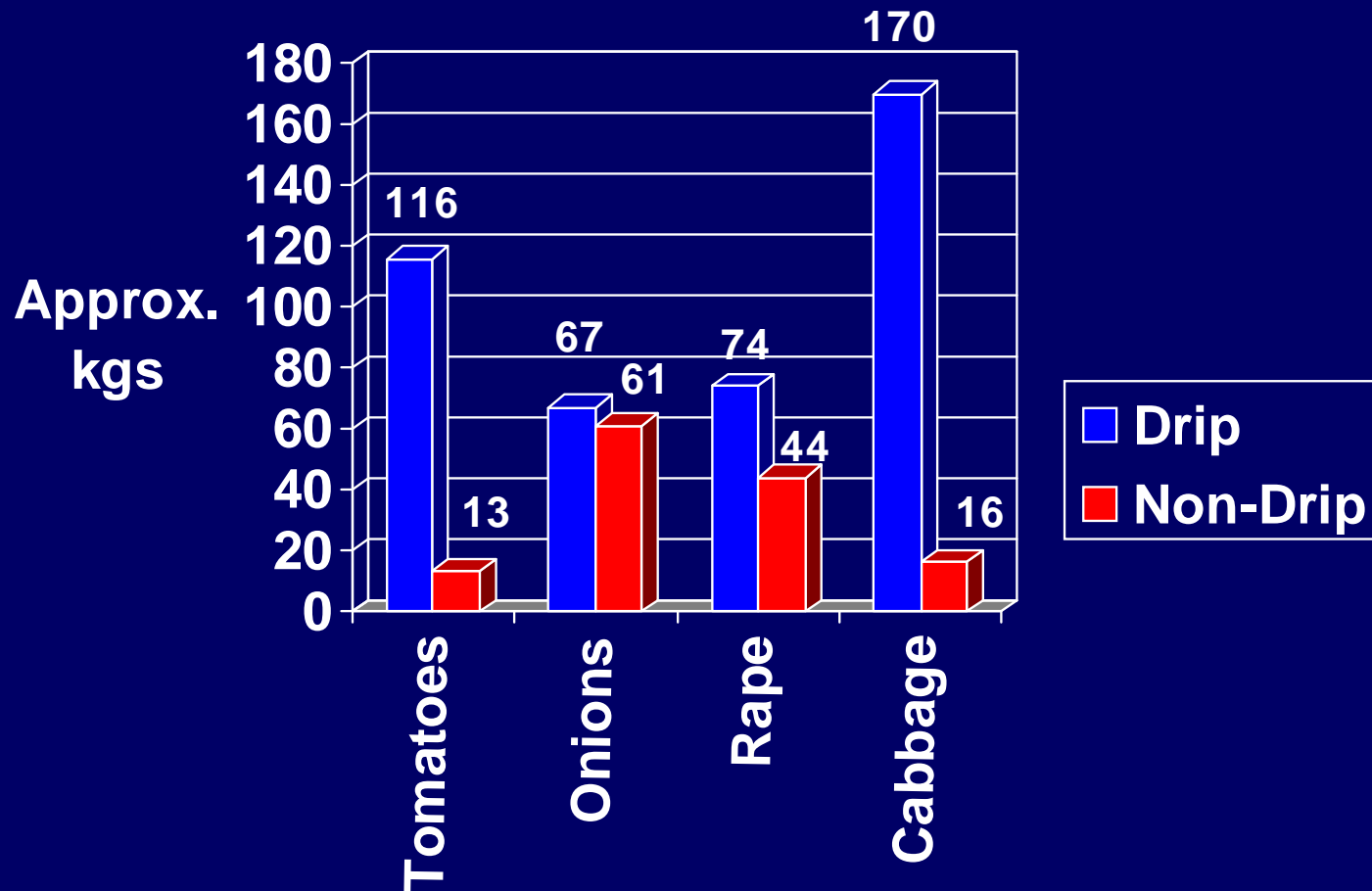
Application Requirement	
Plot Size	- 10 m X 10 m
Area	- 100 sqm
Water	- 200 to 400 ltrs / day



Why Drip?

- q Better Yields
- q Water saving
- q Labor saving
 - Ø Less water carrying
 - Ø Less weeding
 - Ø Less disease
- q Focuses renewed attention on the benefits of gardens

Comparison of Yields



Household Nutrition Garden



A woman surveys her drip irrigated garden

Crops Grown and Micronutrients

- q Tomatoes (Vit. C)
- q Rape (Vit.B, C, E, Zn* , Mg)
- q Cabbage Ca, Vits A, C)
- q Chomolia (Vit.B, C, E, Zn* - anti-oxidant, Mg)
- q Paprika
- q Onion (Se - anti-oxidant)
- q Also covo, sweetcorn, spinach, butternut (Vit.A)
potatoes (Mg, Fe), pumpkin (Zn in seeds), carrots
(Vit.A - anti-oxidant, vits C,D,E,K ++ minerals),
legumes (protein)

Benefits

- q Produces vegetables year round
- q Provides better nutrition and vitamins
- plus
- q Income (about US\$60 /year/family)
 - \$60 enough for half year supply of maize
- ø ½ the labor of traditional methods
- ø ½ water of traditional methods

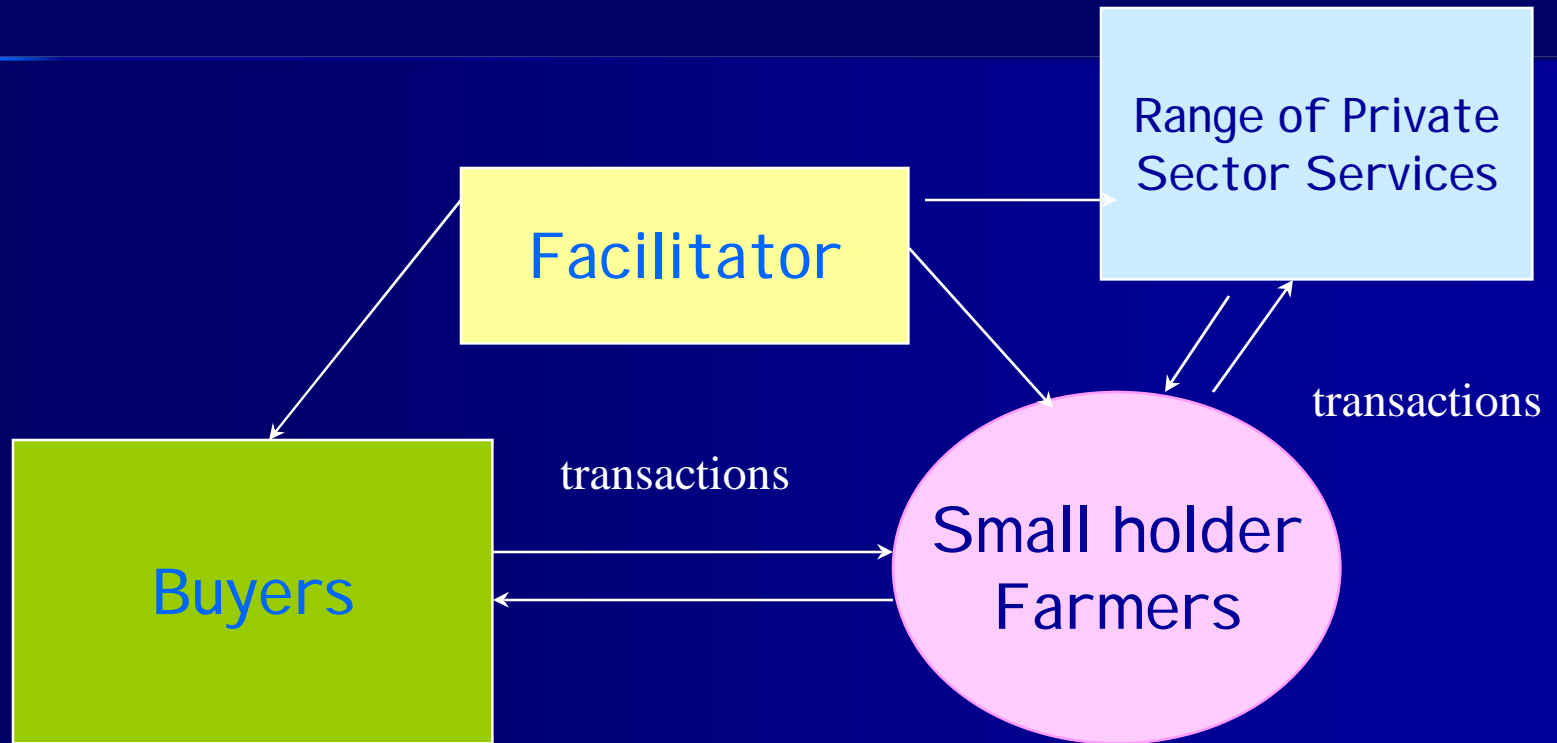
What users have said

- q More food produced
- q Wider variety of foodstuff eaten by household
- q Extra income earned and used to purchase uniforms, books, medicines, etc.
- q More time available (work, care for sick, etc)
- q Less work required (varies by kit)
- q Water conservation also important

Expansion of HNG Program

FY 2002	560 in pilot phase
FY 2003	7,635 gardens
FY 2004	15,945 gardens
FY 2005	23,580 gardens plus 18 hospital gardens
Replication (mainly DFID-19,000)	24,350 gardens

Linkage Approach



Commercial Linkages: Some examples

- q Black-eyed bean
- q Ostrich
- q Sheep and goats
- q Honey
- q Chilies
- q Soybean
- q Mixed Horticulture
- q Millet
- q Sorghum
- q Cotton
- q Seed Multiplication
- q Paprika
- q Smallholder Coffee
- q Smallholder Dairy

Market Linkage



Family growing cabbages for sale to Interfresh

Evidence on Household Impact

- q More income translates into better diets and greater access to medicine and education for children
- q 3 meals per day versus 1.9
- q 1.8 meals with meat versus 1.0
- q 60% HH paid for medicine using added income
- q 66% HH maintained children in school from added income

Outreach in FY 2004

Component	HH Served in 2004	# Districts
HNG	15,945	53
Linkages	22,745	18
DTC	30,575	16
Microfinance	27,880	20
Legal services	3,558	9
BOCs	17,276	6
TOTAL	117,979 HH (707,874 people– 6.4% of Pop)	18

Definition: AIDS Affected

q A Household

Ø With orphaned children due to AIDS

Ø Caring for sick person who is HIV +

Ø With sick HIV + breadwinner

Ø Headed by youth or children due to AIDS

Ø experienced a family death due to AIDS

Percentage of AIDS affected Households by Type of Intervention

