



For more information contact:

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Ministry of Education
School Health & Nutrition
Programme

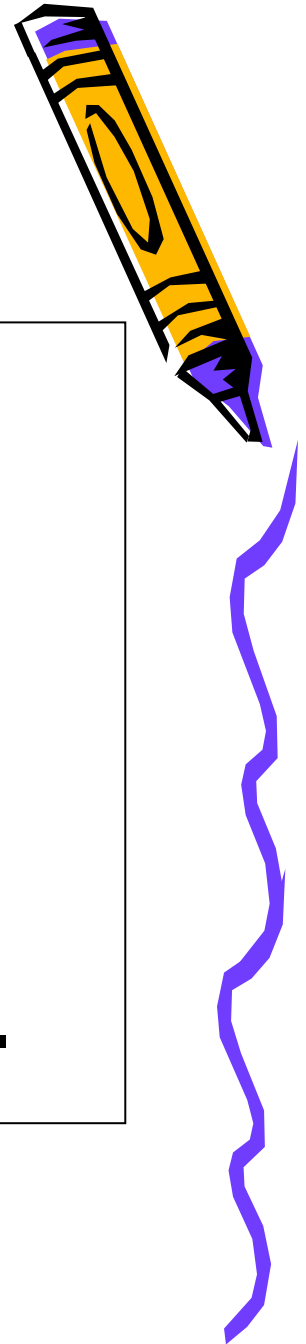
Presentation of PermaCulture Programme Pilot:

- Stacia Nordin, National SHN Advisor (GTZ)
- Byson Njikho, Mulanje Mission CCAP
- Chris Walker, Advisor Permaculture Schools



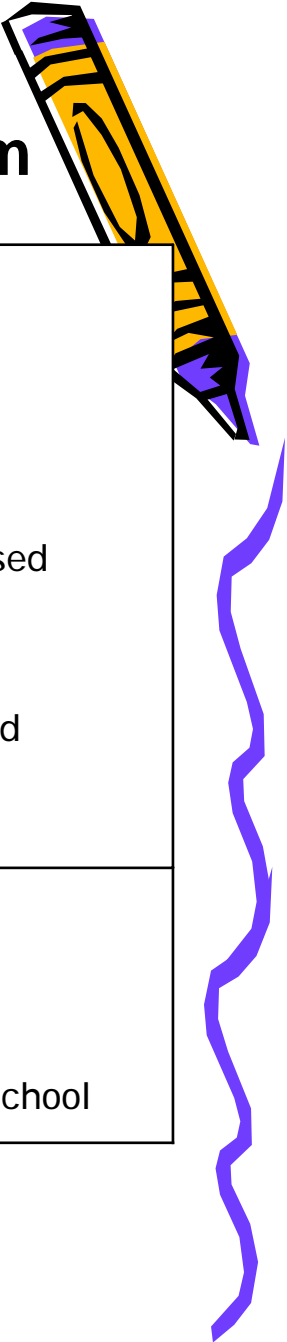
Ministry of Education
School Health & Nutrition Goal:

By 2015 Malawi will have
**healthy, well-nourished
school aged children**
to achieve their
optimum potential to learn.



MoAFS	MoEST	MoH
<p>National Coordinator School Nutrition Secretariat SN Sub-C</p>	<p>National Coordinator School Health and Nutrition Chair, SHN TWG and Subcommittees</p>	<p>National Coordinator School Health Secretariat SH Sub-C</p>
<p>8 Agric Dev Divisions Food & nutrition Officers</p>	<p>6 Education Divisions Education Methods Advisors</p>	<p>5 Health Zones Zone Supervisor</p>
<p>27 Agricultural Districts District SN Coor</p>	<p>33 Education Districts District SHN Coor</p>	<p>27 Health Districts District SH Coor</p>
<p>~ 500 extension plan areas Agric Extension Dev Coor.</p>	<p>~300 Education Zones Primary Education Advisor</p>	<p>~ 500 health centres Medical Assistant</p>
<p>~ 5,000 sections Agric Extension Dev Officers</p>	<p>~5,307 Schools Teachers, Learners, School Management Committees</p>	<p>~5,000 catchment areas Health Surveillance Assistants Community Health Nurses</p>

Activities: School Landscape matches curriculum

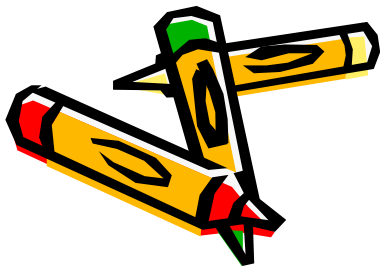
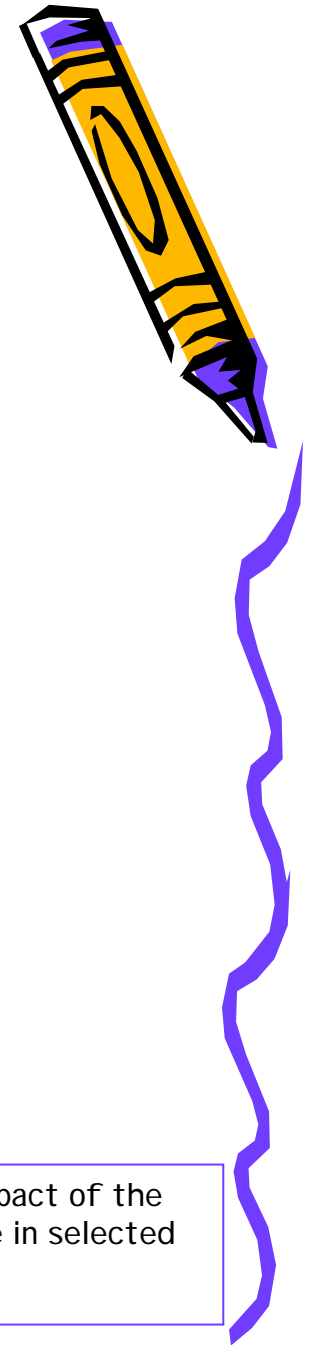


<p><u>HEALTH</u></p> <ul style="list-style-type: none">• Disease Prevention• Disease Treatment• Water• Hygiene• Sanitation• School Blocks	<p>Types of Health activities:</p> <ul style="list-style-type: none">• education, role modelling healthy living• natural/western treatments, not sick often• borehole adequate and cared for, runoff water used• handwashing, clean learners and teachers• toilets adequate/healthy/safe, resources recycled• adequate for enrolment, healthy and safe
<p><u>NUTRITION</u></p> <ul style="list-style-type: none">• Foods & meds grown/used• Eating food	<p>Types of Nutrition activities:</p> <ul style="list-style-type: none">• 6 groups, area appropriate, agric water, soil, etc.• before school and at 10:00 - food from home or school



Sustainable Programme: Permaculture

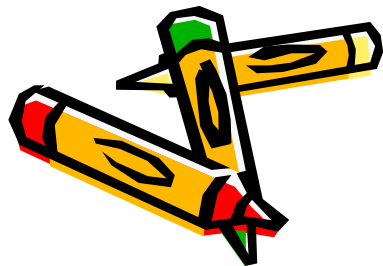
In a 2003 survey of school feeding programmes 92 percent of the schools surveyed stated that they would be unable to continue the feeding programme if the donors pulled out.



Menezes, L. The importance of food aid for education: A study about the impact of the School Feeding Programme of the Malawi-German Basic Education Programme in selected pilot schools. April-September 2003. p. 51.

Vision

To have a Sustainable School Food & Nutrition programme in all primary schools in Malawi.



Diverse
Foods
Produced
Sustainably



EcoSan latrines produce
rich, organic, free fertilizer



Current Meal

(Malawi example, but also worldwide)

Malnutrition -
focused on
energy alone

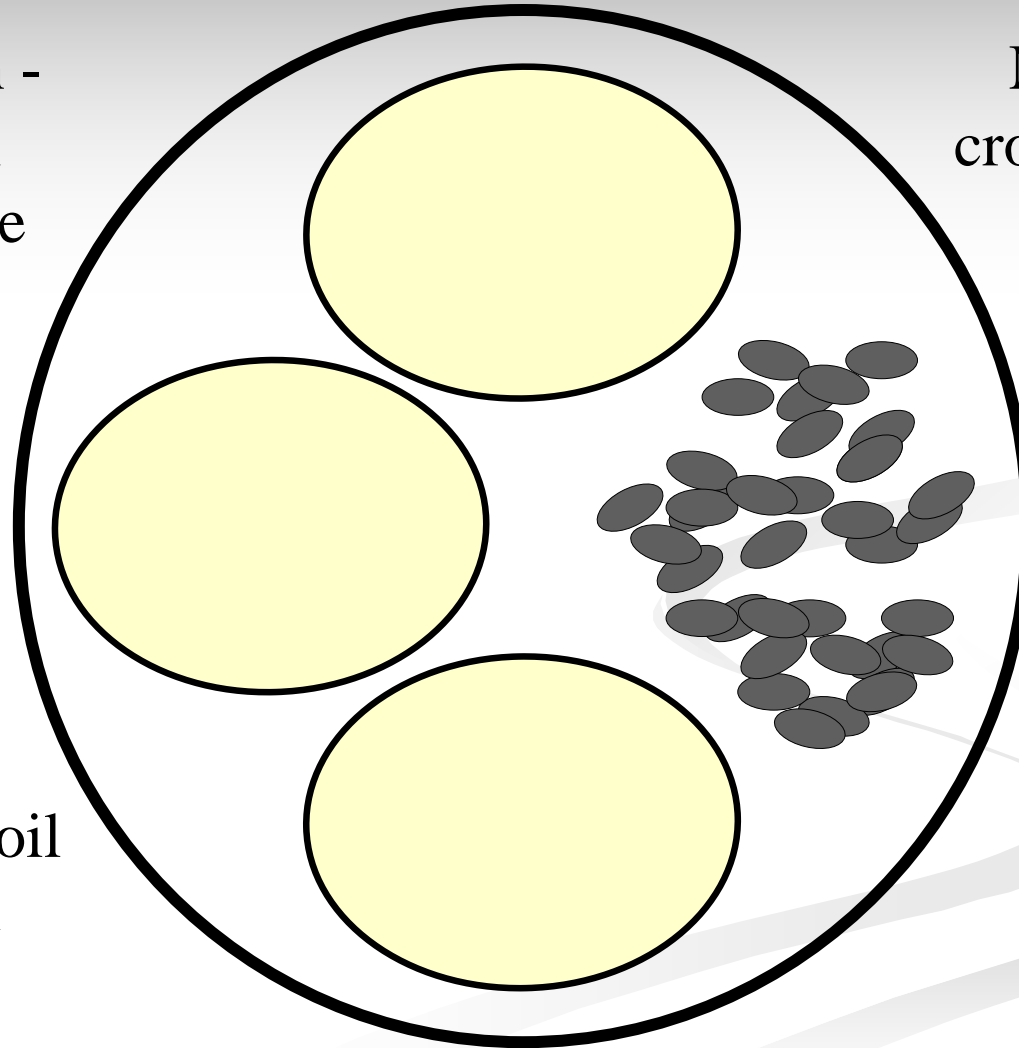
Monoculture
cropping leads to

High risk of
crop failure

High risk of
food insecurity

Detrimental to soil
/ environment

High inputs



Better Meal



Balanced Nutrition
- focused on all
nutrients

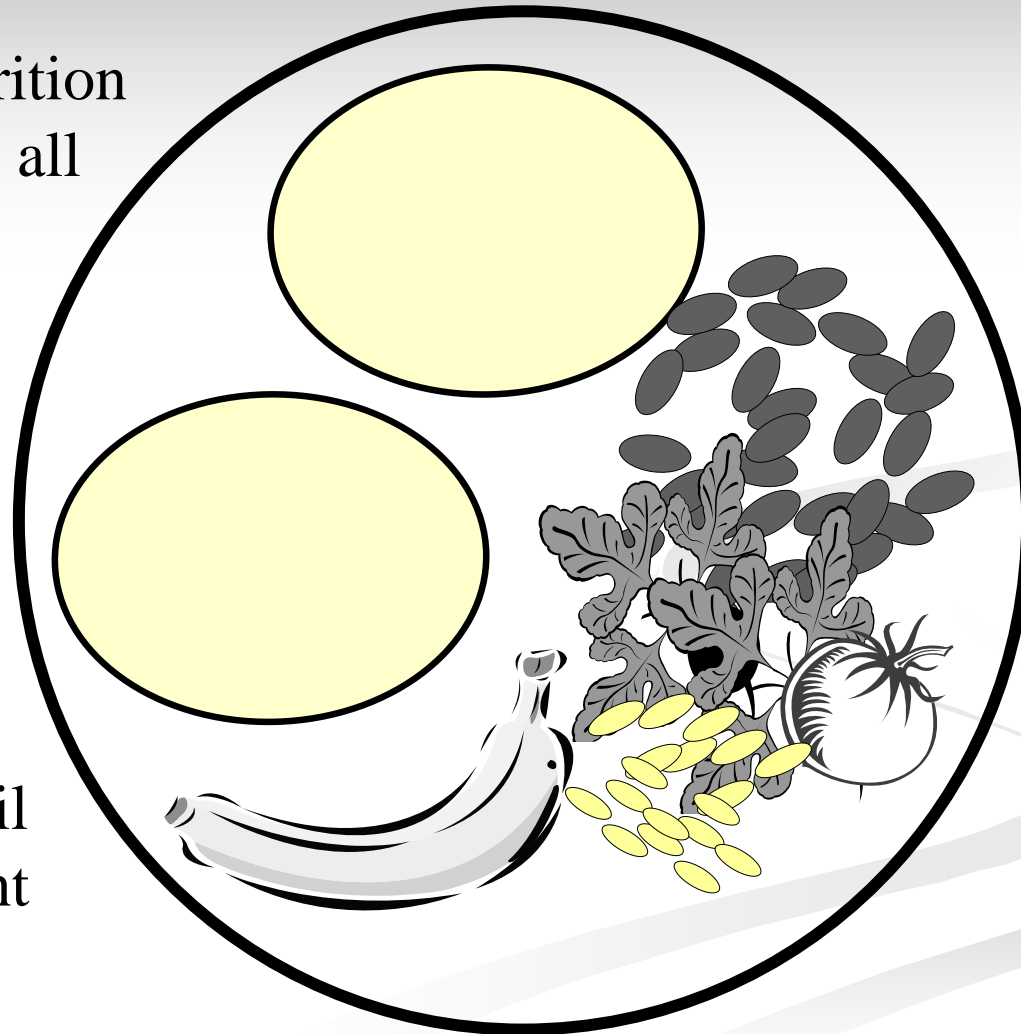
Diversified
Planting

Increased
chance of
yields

Increased
Food Security

Better for soil
/ environment

Fewer inputs



Current Meal

Too much: Carbohydrate

Not enough: Protein, Fat, Vitamins,
Minerals & Water



Better Meal

Balance of: Carbohydrate, Protein & Fat

Plenty of: Vitamins, Minerals & Water

SAME AMOUNT OF FOOD OVERALL!



Malawi's Food Guide:

6 Food Groups

Changed from
3 food groups
in 2000

