

Soy for Development

Planet Aid in Partnership with USDA & WISHH



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Main Points in this Presentation

- ◆ Programming soy in a holistic development context
- ◆ How the use of Soy products have worked in developing countries to significantly improve health indicators of children
- ◆ Soy as a catalyst for economic growth and increased trade;
Get a taste for it, growing it – processing it!



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Programming Soy in a Holistic Development Context



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Programming Soy in a Holistic Development Context

As part of the PAI Food for Progress in Mozambique;

50 Community Soy Restaurants have been established to;

- Promote Soy to improve the nutritional status of pregnant women and orphans
- Establish an income generating business for women
- Encourage local soy production and processing



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Achievements

- 250 Passionates trained by American Soybean Associations WISHH program to operate Restaurants and cook tasty soy meals and produce a variety of soy products
- 750 orphans receiving free soy meals on a weekly basis
- 1.2 million meals served since the beginning of the project
- 800 meals served per day in average
- 50 gardens operated to provide vegetables to ensure a balanced diet
- 180ha. with Soy established in connection with Soy Restaurants



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50 Soy Restaurants established



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250 Passionates trained by WISHH



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Soy food; Meals, porridge, bread & biscuits



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Providing good nutrition for OVC's



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Pregnant mothers - beneficiaries of Soy!

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34 rope pumps installed for garden farming



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Garden farming to ensure a balanced diet



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Outcomes measured, 2009

- WISHH conducted baseline survey and follow-up evaluation of 244 children aged 5-10 years who had attending Soy Restaurant meal program. (one soy meal per day for 5-6 days per week)

Impact over six months:

- Weight increased in average + 1.8 kg.
- Growth in Height increased with 1.3 cm
- Decrease in malnutrition-related symptoms:
Diarrhea dropped from 32.3% to 3.3%
- Skin sores dropped from 15.2% to 0.4%



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Weight increased 1.8 kg.

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Increase in Growth in Height: 1.3 cm

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Diarrhea dropped from 32.8% to 3.3%

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Strength measures improved with + 2.2 - 3 kg



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Encouraging local Soy Production & Processing



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180 ha. Soy grown by farmers



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The soy cow production centre located in Nhamatanda serves as a training ground for soy processing

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- ◆ The soy cow produces a total of 120 liters of soy milk per day.
- ◆ Provides service to 480 customers.
- ◆ Beneficiaries include students at the nearby teacher training college, a vocational school and the community at large of Nhamatanda



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Long-term Impact of the Soy Project

- Farmers continue and expand area of soy production
- Processing and value addition improving local economy
- Change in diet habits to include soy protein
- Children and pregnant women: improved nutritional status and decrease in preventable diseases



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Inspired by experiences from Mozambique

Zambia & Malawi:

3 Vita Goats processing centers to be established in 2010
with the aim to increase income for small scale farmers



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Zimbabwe

- ◆ Vita Goat installed in 2008
- ◆ An average of 200 lt. Soy milk produced per day
- ◆ Serving 200 children daily with $\frac{1}{4}$ liter of soy milk on their way to school and $\frac{1}{4}$ liter on their way home
- ◆ Serving Farm Workers on a daily basis
- ◆ Residues from milk production is used for bread baking and/or production of snacks
- ◆ The Center promotes soy locally, regionally and internationally



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THANK YOU