BUILDING HEALTHIER COMMUNITIES – through sustainable solutions in agriculture

A more **healthy** and hence **productive workforce**

A happier and **stronger community**

**New livelihood options opened**

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**Problems**

Worldwide 2-3% of GDP is lost as a result of malnutrition (World Bank)

Nearly 850 million people in the world are hungry and >2 billion are micronutrient deficient.

In India, 44% of children are malnourished – more than double that of sub-Saharan Africa. (UNICEF, 2015)

A long lasting solution is to work with rural communities to grow and consume diverse, healthy foods.

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**The impact pathway** for healthier communities through sustainable solutions in agriculture is:

1. Identify the major nutritional needs of the community
2. Analyze the agricultural options for growing foods that best help with the nutritional needs and match these with the consumer preferences
3. Undertake community driven approaches to achieve diversity on farm and appropriate agricultural practices
4. Build awareness and capacity on nutrition, health and good practices
5. Develop markets by linking farmers to value chains that offer traceability and confidence to consumers
6. Develop a buzz and excitement around nutritious foods.
EQUINE: a high-energy weapon fighting malnutrition

Malnutrition in malnourished children is being tackled by a combination of improving a familiar traditional food recipe and eliminating toxin contamination from its main ingredient.

This enhances the chances of the bio-fortified food — Equine — being acceptable and achieving the aim of reducing the high mortality rate in children under five years, while greater awareness of the contamination risks associated with aflatoxins (toxic and carcinogenic substances). It may boost the use of toxin-resistant varieties. The improved recipe also offers women the potential to improve family livelihoods by selling Equalene.

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