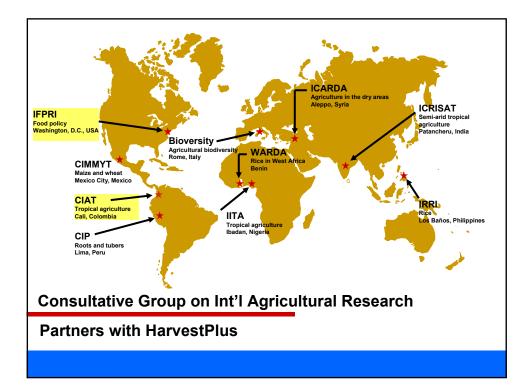




The CGIAR

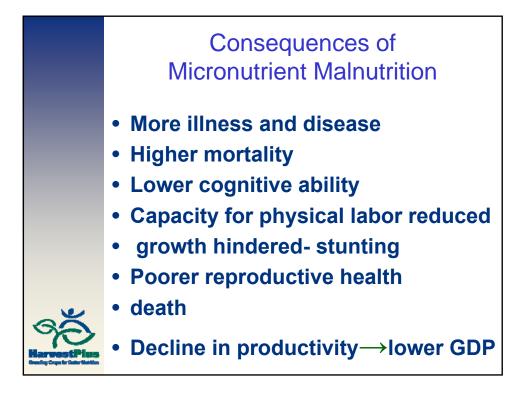
 The Consultative Group on International Agricultural Research (CGIAR), established in 1971, is a strategic partnership of countries, international and regional organizations and private foundations supporting the work of 15 international agricultural research Centers.

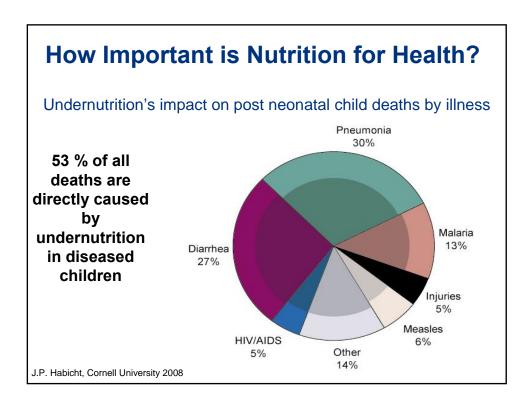


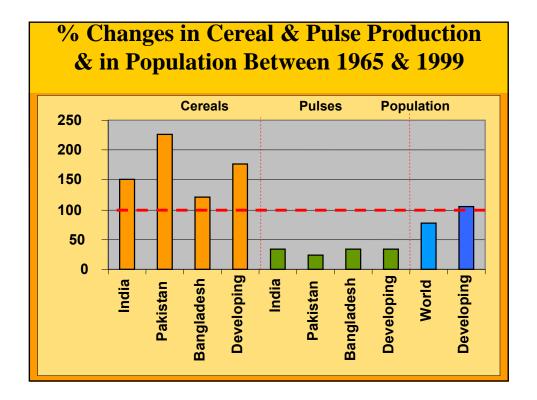
The CGIAR

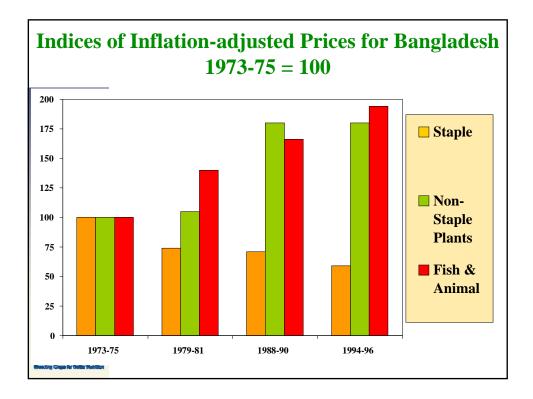
- In collaboration with national agricultural research systems, civil society and the private sector, the CGIAR fosters sustainable agricultural growth which benefits the poor through:
- Higher incomes (higher-yielding crops)
- Better food security (supplies/prices)
- Improved management of natural resources
- Better human nutrition and health

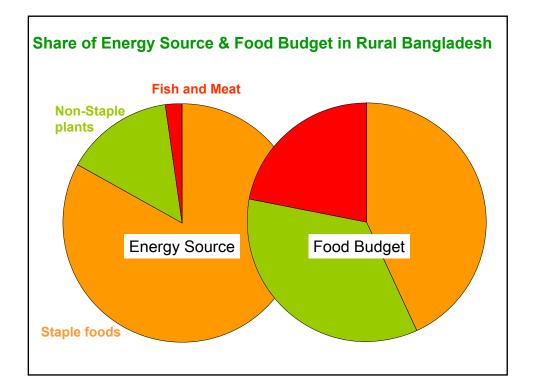


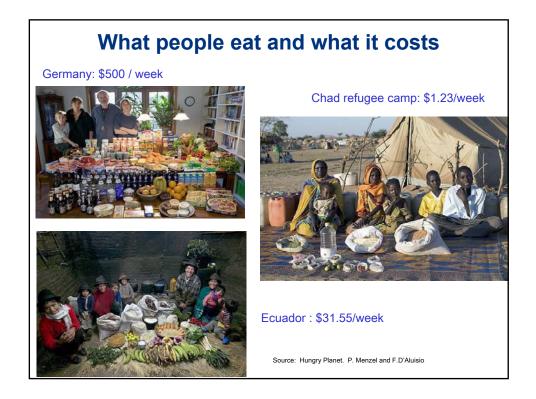


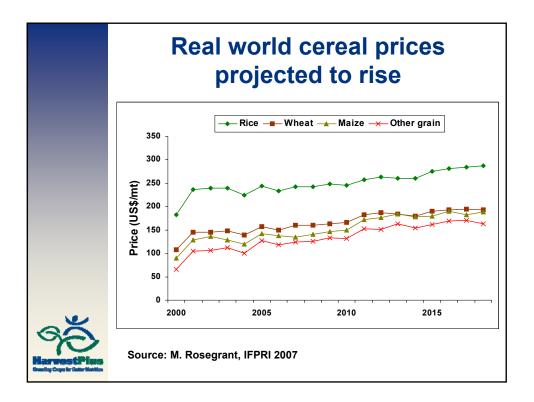


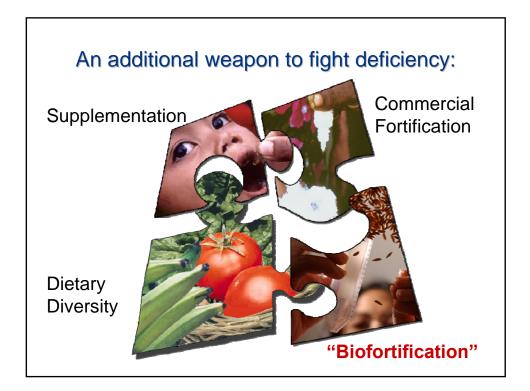








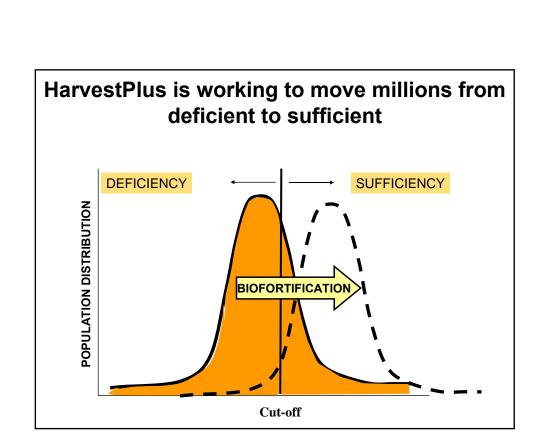


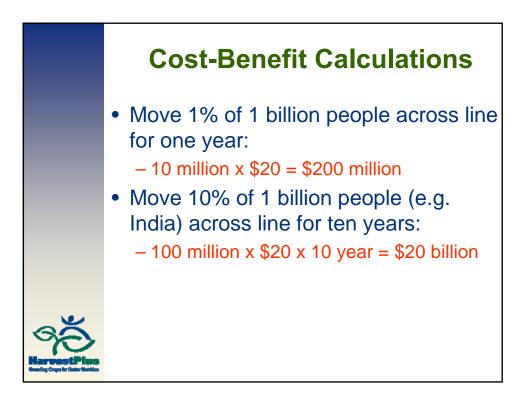


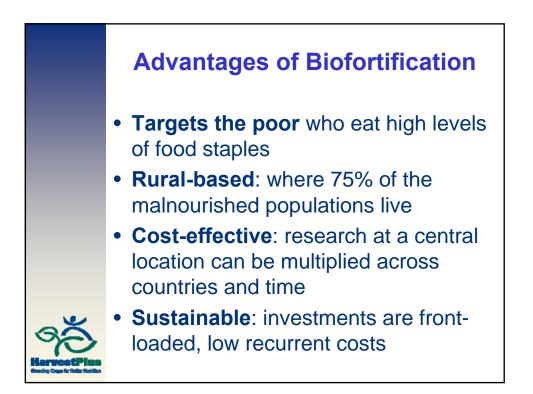


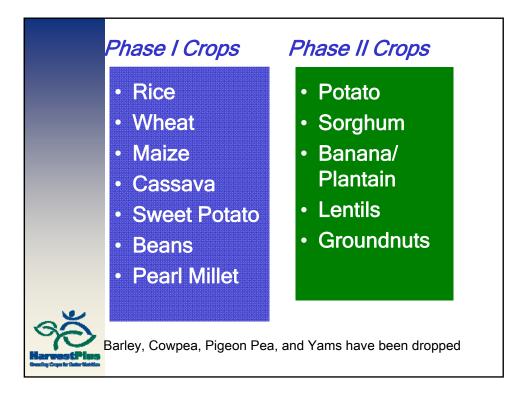
Breed micronutrient dense staple crops with higher levels of vitamin A, iron, and zinc that will improve human nutritional status when eaten.

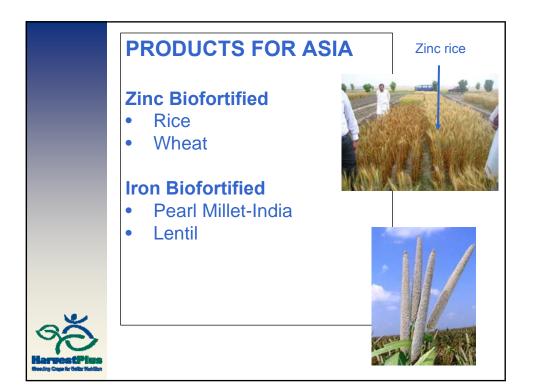


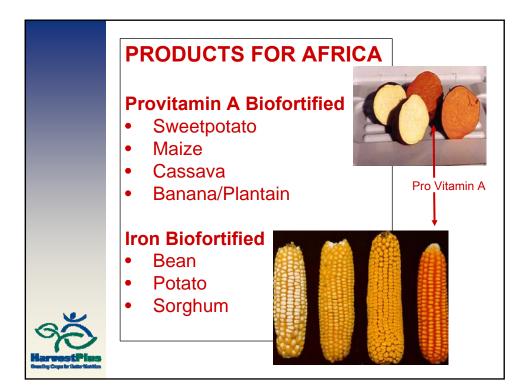


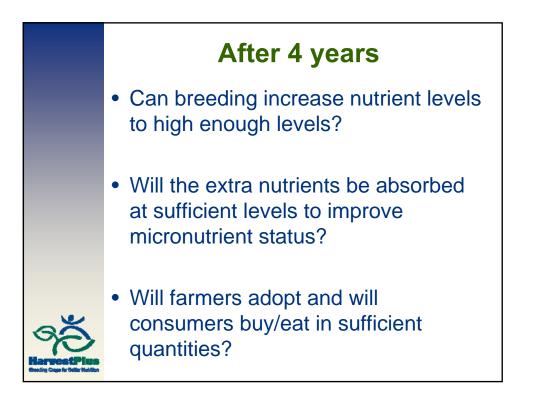












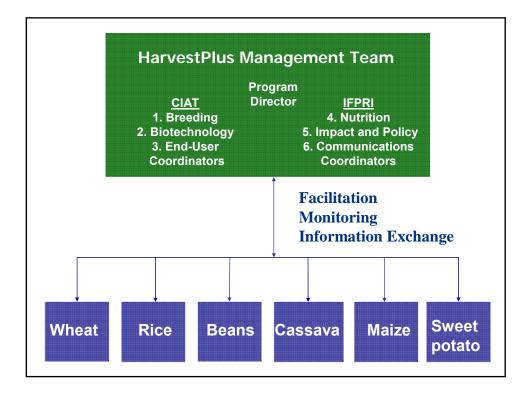
HarvestPlus Milestones By Crop Year 4 of 15							
STEP	Sweet Potato	Beans	Pearl Millet	Cas- sava	Rice	Maize	Wheat
Breeding							
Bioavailability							
Dissemination							

Schedule of Product Releases				
Crop	Nutrients	Release Year o Initial Lines*		
Sweetpotato	Pro-vitamin A	2007		
Bean	Iron, Zinc	2010		
Pearl Millet	Iron, Zinc	2011		
Cassava	Pro-vitamin A	2012		
Rice	Zinc, Iron	2012		
Maize	Pro-vitamin A, Zinc, Iron	2013		
Wheat	Zinc, Iron	2013		









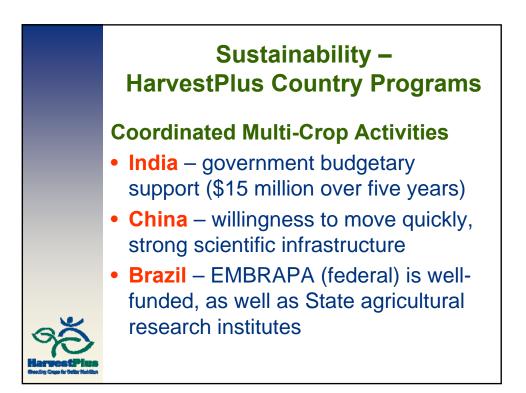
HarvestPlus: Coordinating a Multidisciplinary Program						
Function	Rice IRRI	Maize CIMMYT	Wheat CIMMYT	Cassava CIAT	Sweet potato CIP	Bean CIAT
1. Breeding						
2. Biotechnology						
3. Food processing						
4. Human nutrition						
5. Reaching end-users						
6. Impact/policy						
7. Communication						

Institutions For Sweetpotato				
Plant Breeding	CIP (Peru, Kenya, Mozambique, India), NARES in Uganda, Kenya, India, Indonesia, Philippines, Brazil, China			
Molecular Biology				
Food Processing	Campinas University, EMBRAPA (Brazil); Food and Nutrition Center (Tanzania); Medical Research Council (South Africa); CIP (Peru)			
Human Nutrition	Medical Research Council (South Africa); UC Davis (USA); ICDDRB (Bangladesh)			

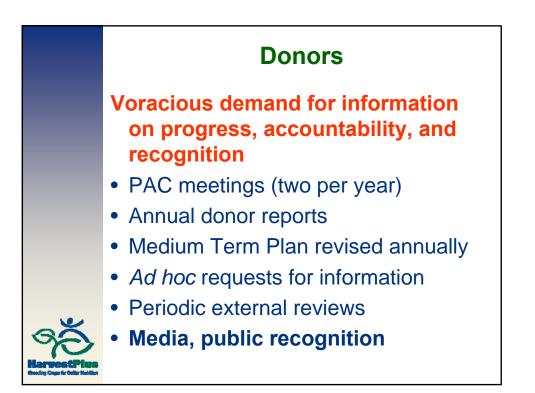
Institutions For Sweetpotato				
Extension/Seed Systems	CIP (Kenya), ASARECA, VEDCO (Uganda), World Vision (Mozambique)			
Market and Product Development	University of Greenwich (UK); VEDCO (Uganda); World Vision (Mozambique)			
Demand Creation	IFPRI (USA), Makerere University (Uganda); Helen Keller International (Mozambique)			
Measuring Impact	IFPRI (USA), CIP(Kenya), Makerere University (Uganda), World Vision (Mozambique)			

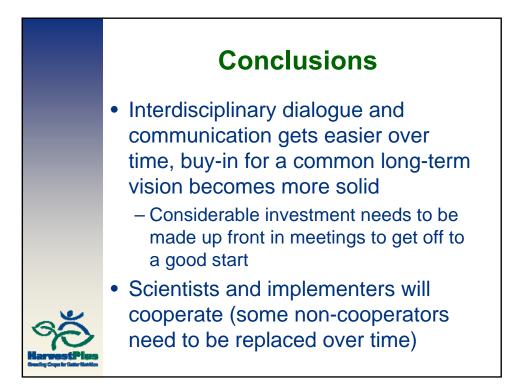


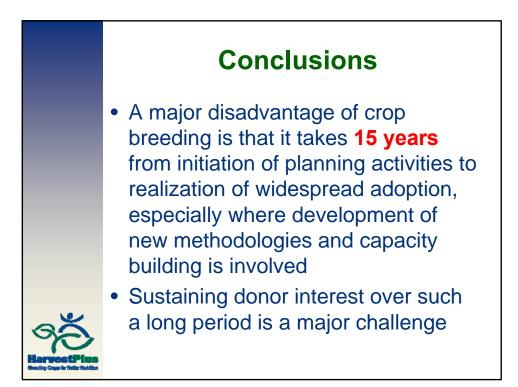




Funding (\$million for 2003-2008)						
Gates Foundation	\$38.7					
World Bank	\$13.5					
USAID	\$6.9					
DFID	\$3.7					
DANIDA & SIDA	\$1.9					
Asian Development Bank	\$0.5					
Interest	\$1.2					
TOTAL	\$66.5					







In Conclusion ...

"Such intimately related subjects as agriculture, food, nutrition and health have become split up into innumerable rigid and self-contained little units, each in the hands of some group of specialists. The experts, as their studies become concentrated on smaller and smaller fragments, soon find themselves ... learning more and more about less and less. Everywhere knowledge increases at the expense of understanding ..."

In Conclusion

"The remedy is to look at the whole field covered by crop production, animal husbandry, food, nutrition, and health as one related subject and then to realize the great principle that the birthright of every crop, every animal, and every human being is health."



