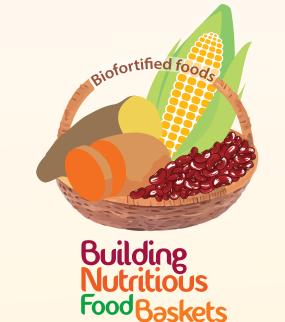
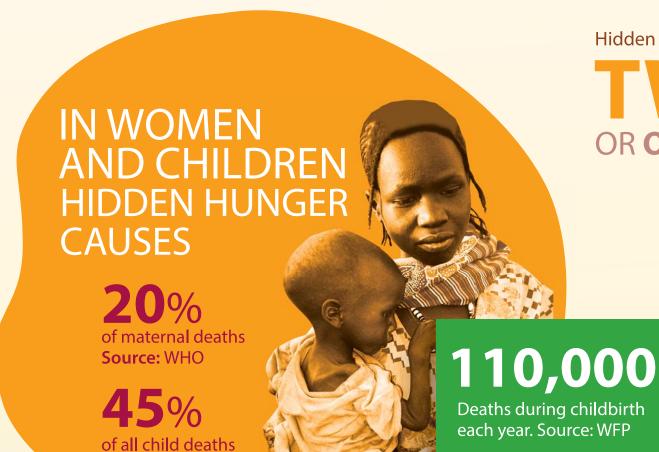
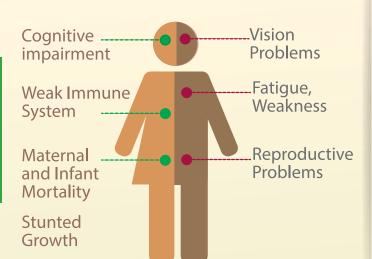
The Role of Biofortification in Reducing Hidden Hunger





Hidden Hunger affects approximately **BILLION PEOPLE** OR ONE IN THREE, GLOBALLY

Effects of Micronutrient Deficiency





Malnourished children lag four years behind peers in educational

Economic Impact



Why invest in Biofortification?

An Intervention for "Hidden Hunger"

 Focus on staple crops that rural poor already cultivate and consume

Sustainable and cost-effective

How is biofortification done?

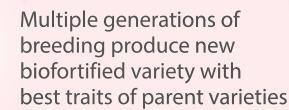


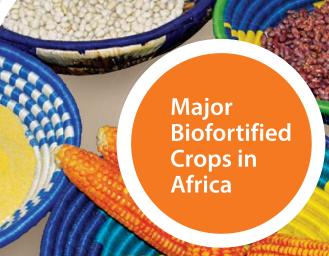


Variety with high micronutrient value



Variety with desirable agronomic qualities (high yield, drought resistant, etc.)





IRON & ZINC BEANS





YELLOW CASSAVA Up to 40%of daily requirement vitamin A

PRO-VITAMIN A MAIZE Up to 25% of daily requirement vitamin A



IRON PEARL MILLET Up to 80% of daily requirement iron



SWEETPOTATO

vitamin A

Up to 100%

of daily requirement

Micronutrient Interventions



Dietary Diversification

Eating a variety of nutritious foods



Supplementation Administering doses of concentrated micronutrients



Biofortification

Increasing micronutrient content of staple crops



Adding micronutrient during processing/preparation

Food Fortification



FOR **EVERY DOLLAR INVESTED IN BIOFORTIFICATION**



UP TO US\$ 17 OF BENEFITS

gained (from increased productivity, reduced illness, etc.)

CALL TO ACTION

Need for multidisciplinary and multi-organizational partnerships (Governments; development partners; international, regional and sub-regional organizations; private sector; civil society) that **prioritize** and **invest** in nutrition-sensitive agriculture and biofortification to add value and fill critical gaps.





















