LINKING AGRICULTURE TO NUTRITION IN AFRICA: THE ROLE OF BEANS

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ABSTRACT

Despite the clear potential for improvements in agriculture to enhance maternal and child nutrition outcomes the evidence for this is scarce. Recent reviews on agricultural interventions for improving nutrition reveal that more and better-designed research is needed to generate evidence of impact and information on what kinds of agricultural investments will have positive benefits for nutrition and health.

CIAT responds to this challenge by generating research that creates a shared understanding of the nexus between agriculture, food systems, nutrition, and resilience; generating evidence on what works, when, and how in linking agriculture interventions to nutrition outcomes and high quality diets; and catalyzing policy dialogue advocating for better diets.

CIAT has led biofortification efforts, through supporting breeding for enhanced iron and zinc in beans. There is documented evidence by HarvestPlus in Rwanda that eating beans biofortified with iron can reduce iron deficiency in women of reproductive age. CIAT continues to promote utilization of biofortified bean varieties while also promoting food diversification using the food basket approach. In Malawi for example, CIAT promotes nutrition education and behaviour change communication to influence caregivers' preferences towards more nutrient-rich foods, better intra-household allocation of food to benefit vulnerable groups, and other nutrition practices related to child feeding, caregiving, sanitation and hygiene.

Moreover, policymakers urgently need to recognize that poor diets are compromising economic productivity and well-being. Agricultural programs and investments are needed to support an enabling policy environment to contribute to improved nutrition. CIAT strives to lead the policy dialogue in its focal countries such as Madagscar towards national policies, action plans, and development activities that explicitly support nutrition through a multi-sectoral approach.

CIAT also focuses on promoting increased, responsible private sector engagement in targeted communities; encouraging processing and consumption of nutritious and safe foods; and harnessing the expertise of the private sector to shape healthy consumption patterns in its focal countries for example Kenya.

The results we seek in Africa are aimed at ensuring that consumers have better access to more nutritious food; that there are improved national systems to plan, manage, and evaluate nutrition-sensitve agricultural programs; and that we generate evidence of the links between agricultural interventions and improved nutrition.

KEYWORDS

Agriculture, nutrition, biofortification, policy, private-sector

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