

Eradicating Micronutrient Deficiency through Biofortification

Authors : Ihtasham Hamza

Abstract : In the contemporary world, where the West is afflicted by the diseases of excess nutrition, much of the rest globe suffers at the hands of hunger. A troubling constituent of hunger is micronutrient deficiency, also called hidden hunger. Major dependence on calorie-rich diets and low diet diversification are responsible for high malnutrition rates, especially in African and Asian countries. But the dilemma isn't immune to solutions. Highlighting the substantial cause to be sole dependence on staples for food, biofortification has emerged as a novel tool to confront the widely distributed jeopardize of hidden hunger. Biofortification potentials the better nutritional approachability to commonalities overcoming various difficulties and reaching the doorstep. The crops associated with biofortification offer a rural-based involvement that, proposal, primarily reaches these more remote populations, which comprise a majority of the malnourished in many countries, and then penetrates to urban populations as assembly overages are marketed. Initial investments in agricultural research at a central location can generate high recurrent benefits at low cost as adapted biofortified cultivars become widely available in countries across time at low recurrent costs as opposed to supplementation which is comparatively expensive and requires continued financing over time, which may be imperilled by fluctuating political curiosity.

Keywords : biofortified crops, hunger, malnutrition, agricultural practices

Conference Title : ICTFHBT 2018 : International Conference on Therapeutic Foods and Home-Based Treatment

Conference Location : Barcelona, Spain

Conference Dates : May 17-18, 2018