



2 ZERO HUNGER





# THE ZERO HUNGER CHALLENGE: FOOD SECURITY AND SAFETY SITUATION IN PAKISTAN

To discuss food security and safety situation globally, and challenges being faced by Pakistan, the Institute of Food Science and Nutrition organized a webinar titled 'The Zero Hunger Challenge: Food Security and Safety Situation in Pakistan,' on August 18, 2020.

To attain the targets of the UN Sustainable Development Goal 2: Zero Hunger by 2030, the food experts and nutritionists stressed upon achieving food security, improving the nutritional status of the population and promoting sustainable agriculture in Pakistan.



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# Findings & Recommendations



With regard to the present scenario under the potential impact of COVID-19 on the world's poorest people, it is necessary to encounter the instant food needs of the vulnerable groups of the population.



The right to food is fundamental to human dignity that should be addressed ingeniously without any interest of economic and political gain.



In order to ensure food security of naturally perishable food in all the regions across Pakistan, we need Hi-Tech solutions for preservation, processing, and packaging with better transport facilities.



Agriculture and food systems in Pakistan need to be made sustainable from farm to fork.



Food security and safety can be achieved by improving food processing and value addition.



Stability and consistency in food and agriculture policies are essential for ensuring food security.



For hunger eradication, good management has become an indispensable requirement. It is direly needed to tackle food security and safety situation in Pakistan as a shared commitment between government, farmers, food industries, and the business community.



Through massive awareness drive on social media, the prominent public figures, motivational speakers, and other social activists should spread the message for maximum participation to end hunger.



The Government should boost social protection programs and promote the global food trade.



To increase food production, it is essential to keep the domestic supply chain moving and support small farmers' capacity.



Through subsidies and grants to small and medium-sized enterprises, the government should support the small-scale food processors and businesses.



Through the propagation of human values, the spirit of food distribution, donation and sharing should be fostered to eradicate hunger without compromising the dignity of malnourished and starved strata of society.



# Our Framework for Sustainable Agriculture

Patent on **Sugarcane Intercropping Drill**



to meet the diversified needs of small-scale farmers.

A landmark agreement with the **Food and Agriculture Organization of the United Nations** to boost seed sector.



Revolutionized agriculture through **Drone Technology** to sensitize and apprise agricultural community.



**International moot and Food Expo**



to unveil the latest techniques and technologies regarding food production and food processing.

The scholarly debate on **'Innovative Trends in Wheat: Way Forward to Sustainable Wheat Production.'**



to explore innovative trends to achieve sustainable self-sufficiency in wheat crop.

The international conference on



**Horticultural Crops Production and Protection**

to discuss new trends in horticulture.

Part of **China's Belt and Road Agriculture Innovation League**



to promote collaboration in agriculture, science and technology.

Collaboration with **Italian National Research Council**



on research in modern agriculture sciences.

A **Certified Citrus Nursery**



provides more than ten thousand good quality plants to citrus growing community of Punjab especially in Sargodha region.

Agreement with **Australia's Canberra University**



to help local farmers in managing agricultural affairs under a project funded by the Australian Center for International Agricultural Research.

Joint research project on **Cheese Technology** with Ordu University, Turkey to develop new scientific and technological cooperation.

