

Bühler Food (Wuxi)

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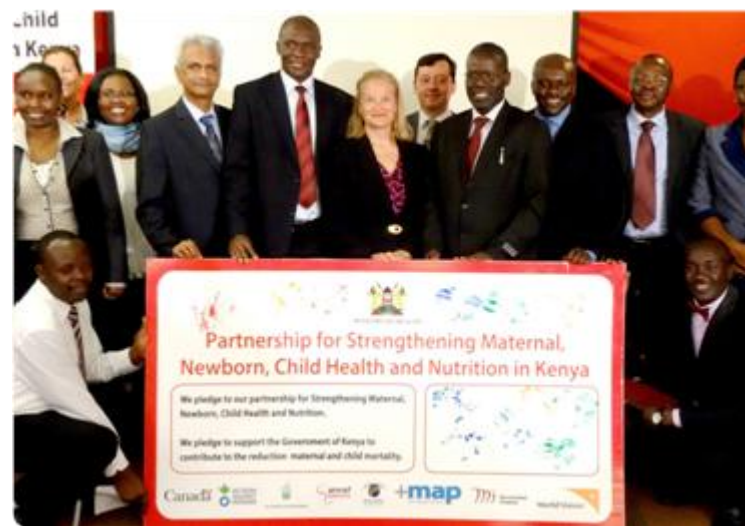
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News



MI joins nutrition and health partnership in Kenya

The Micronutrient Initiative (MI) joined new strategic efforts to tackle health and nutrition challenges faced by Kenya's most vulnerable people. Funded by the Government of Canada, the Partnership for Strengthening Maternal, Newborn, Child Health and Nutrition in Kenya (PSMNCHN), is a concerted commitment to support the Kenyan government's efforts for stronger programs and greater impact.

The partnership was launched in Nairobi on November 24, 2017, during an event attended by the Canadian High Commission that brought together organizations responsible for carrying out five projects selected by the Government of Canada to improve the health of Kenyan women and children by 2020.

News

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Five in six children under two not getting enough nutrition for growth and brain development



Five in six children under two years old are not fed enough nutritious food for their age, depriving them of the energy and nutrients they need at the most critical time in their

physical and cognitive development, according to a new UNICEF report.

“Infants and young children have the greatest nutrient needs than at any other time in life. But the bodies and brains of millions of young children do not reach their full potential because they are receiving too little food, too late,” said France Begin, Senior Nutrition Adviser at UNICEF. “Poor nutrition at such a young age causes irreversible mental and physical damage.”

News



FAO promotes healthy diets through nutrition education training

Nutrition education plays a key role in promoting healthy and sustainable diets for all. In many parts of the world, professional training in nutrition education remains scarce. The need for competent professionals skilled to conduct nutrition education interventions is especially great in countries where undernutrition coexists with growing rates of overnutrition and associated non-communicable diseases. Funded by the German Ministry of Food and Agriculture (BMEL), and in collaboration with numerous African universities and the Dutch University of Wageningen, FAO launched the nutrition education course ENACT – Education for effective Nutrition in Action – in 2012. The course aims to promote long-term improvements in diets, giving special attention to social and environmental contexts, in all relevant sectors and in the whole food cycle, including production, processing, marketing, and consumption.

News

WFP Signs Landmark Agreement To Research Nutrition In Social Protection

The United Nations World Food Programme (WFP) in Pakistan today signed a landmark, three-year agreement to research and identify the most cost-effective strategies to improve the nutrition status of children between 6 and 23 months of age who are covered through social protection systems. The agreement was signed by WFP, the Benazir Income Support Programme (BISP) and the Primary and Secondary Health Department in Punjab.

Feasibility and Potential for Rice Fortification in Africa

Outside of Asia, the highest per capita consumption of rice occurs in West African countries.



Consequently in 2016, the Food Fortification Initiative (FFI) in collaboration with the Global Alliance for Improved Nutrition (GAIN), analyzed opportunities for fortified rice to improve nutrition in Africa.

Rice is a staple food in 19 countries in Africa, but it is mostly milled in small, local operations where fortification

is not feasible. Yet in 12 countries, fortification of imported rice has the potential to reach 130 million people. This effort is intended to help partners develop a strategy for scaling up rice fortification in the African continent.

Technology

Effect of puffing on physical and antioxidant properties of brown rice

Research was carried out to investigate the effect of puffing process on the physical, antioxidant properties and mineral composition of brown rice. Bulk density significantly varied among the puffing stages and was lowest in expanded rice. From colour analysis, the lowest L^* value and highest a^* and b^* values were observed for parboiled rice. A-type of diffraction pattern, observed in raw rice was altered by puffing process and led to the formation of B- and V-type patterns. Raman spectrum showed the intense peaks in raw rice and the intensity of those peaks was decreased during the puffing process. Scanning electron microscopy revealed a highly porous structure of expanded rice kernel. Significant decrease in the antioxidant properties was observed upon puffing process as compared to raw rice samples. Hence the present study demonstrates that the puffing process leads to the significant changes in the properties of brown rice.


New trends of laws and regulations



Indian regulator to set fortification standards to boost public health

In a move that paves the way for the inclusion of fortified foods in government-run schemes, manufacturers of fortified flour, oil, milk and salt will require a government certificate to verify nutrient claims.

News From Bühler Food is our quarterly e-newsletter for friends and colleagues of Bühler Food. It provides timely and relevant updates on Bühler Food, global health news, and ways to connect with us. [Let us know what you think!](#)

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