



FRUIT PROCESSING

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Trends in fruit processing for 2023

TRENDS

4 trends in fruit processing to keep an eye on in 2023 6



In today's fast paced world, consumption of ready-to-eat, convenient food and beverage products has greatly increased, a trend that is likely to grow even more in the years to come.¹ This can be attributed to several driving factors, most notably the limited time available for food preparation.² At the same time, Mintel Trend 'Help Me Help Myself' highlights how consumers want to nudge themselves toward better habits and healthful choices, but don't always have the mental bandwidth to be thoughtful about every single decision in their daily-life.³ So, how can this need for convenience align with rising consumer interest in maintaining a healthy diet?

Time-short and busy consumers look at fruit and vegetable- based products as a convenient and time-saving alternative to attain the World Health Organisation (WHO) dietary reference intake for adults of 400 grams per day, i.e. roughly 5 portions.⁴ ...

Beverage trends of 2023 10

The holiday season may be a favourite time of year for many, but at Flavorman, they were thrilled to spend this time of year predicting the anticipated 2023 beverage trends. Transitioning away from COVID-19's challenging years, this year's trends focus on the future of simplicity, functionality, environmental consciousness, and authenticity. With new beverages hitting the shelves every day, shoppers are shifting towards products with more natural components and colouring and tend to avoid artificial colours and ingredients in their products. Beverages are now mainly focusing on the flavour and function of the drink, as opposed to colouration ...

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EVENTS

Packaging for beverages is growing more sustainable 14

PET or glass bottle, aluminium can, beverage carton or maybe even a paper bottle, single use or multiple use – there is a huge range of choices for packaging beverages. But which is the most sustainable? The focus has increasingly been placed on ecological aspects over the last few years in this sector. And not only for packaging material: these aspects have also become important for filling and actual packaging processes ...



PRODUCT DEVELOPMENT

To address iron deficiency in Africa, researcher develops fortified version of popular hibiscus drink. 18

Folake Oyewole’s doctoral thesis project was inspired, in part, by the potential health benefits of a refreshing drink: Zobo, a hibiscus-based beverage that is popular in Oyewole’s home country of Nigeria. “People consume Zobo as a cold beverage in Nigeria because it’s refreshing and claimed to provide many health benefits,” says Oyewole, a chemical engineering PhD candidate in the University of Toronto’s Faculty of Applied Science & Engineering ...

ROBOTICS

Use robotics to take a firm grip on production flexibility. 20



Once the preserve of high-volume operations at automotive plants, we’re today finding that robots are infiltrating all sectors of the commercial world. Even beyond traditional manufacturing, inspection and packaging operations, we see robots fulfilling tasks that extend from mining and space exploration, through to surgery and laboratory research, and even fruit picking. With such a vast repertoire of applications, the robots of today need one principal attribute: flexibility. Much of this flexibility comes courtesy of the end-of-arm tooling (gripper), which means ...

AGROTEXTILES

Frost protection: up to 4 degrees more with Arrigoni’s Protecta® 22

With the changes to the climate seen in recent years, the problem of late frosts in orchards and vineyards, which can potentially wipe out a whole crop even in early spring, is becoming more and more pressing. There are various solutions for overcoming situations of this kind, depending on geographical area, and Arrigoni will be ...

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