

# FRUIT PROCESSING

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Analytics

Industry 4.0

Market Price Report

Markets

Process Measuring

Product Development

Trends

MARCH  
3/2023

INTERNATIONAL JOURNAL FOR THE FRUIT PROCESSING, JUICE AND SOFT DRINKS PRODUCING INDUSTRY



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**Food industry 2023:  
trends and developments**

### TRENDS

#### Trends and developments in the food industry in 2023 . . . . . 78



Once again in 2023, many people have set themselves the goal of following a healthier, more balanced diet. Most consumers expect more from food and beverages than just naturalness and good taste: they want the right diet which has a positive effect on their long-term health and general well-being. Demand is constantly rising for products that support certain vital functions or aspects of health, such as the immune system, gut and heart health, or cognitive performance (FMCG Gurus: Proactive Health in a Post-Pandemic Environment Report, May 2022). There has also been a drop in consumption of animal products, with more and

more consumers choosing plant-based options (FMCG Gurus, Meat & Plant-based Protein, April 2022, 32 countries, 32.000). A healthy lifestyle always also involves cutting out alcohol. A growing number of consumers are looking for non-alcoholic alternatives that still taste good and provide unique moments of enjoyment ...

### PROCESS MEASURING & CONTROL TECHNOLOGY

#### New Alfa Laval ThinkTop V20 pushes the boundaries of valve position indication to Industry 4.0 . . . . . 84

The new Alfa Laval ThinkTop V20, the next generation of hygienic valve indication units, is driving digital transformation within the process industries. Moving valve position monitoring into the Industry 4.0 era delivers competitive advantage. With automation, digitalisation and real-time communication, the ThinkTop V20 raises the bar on process control, making it more reliable and accurate while saving time and money on installation, commissioning, operation and maintenance ...

### IMPRINT

#### Publisher

Evi BRENNICH

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#### Advertisement Rates:

Current price list 2023 on request and at  
www.fruit-processing.com

#### Readers' Service

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#### Subscription Rates

Print Europe: EUR 115 incl. mailing cost  
Print Overseas: EUR 124 incl. mailing cost  
Digital package: EUR 120  
PROfessional package: EUR 175

**Cancellation:** Written notice one month prior to the end of the subscription period.

#### Layout

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56587 Oberhonnefeld, Germany

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Ownership structure of the shareholders IAW Pressegesetz Rheinland-Pfalz:

Evi Brennich 51 %, Guido Hoffmann 26 %, Lothar Hoffmann 14 %, Hubert Brennich 9 %; Managing Directors: Marco Brennich (Publishing Management), Christian Friedel (Commercial Management); HRB 14556 Montabaur

VAT-No. IAW to § 27 UStG: DE813542360

#### Printed by:

WIRMachenDRUCK GmbH, Mühlbachstr. 7,  
71522 Backnang, Germany

#### Note:

The views and opinions expressed by the authors do not necessarily reflect those of the publisher or the editorial staff.

Original science and research papers will be presented for scrutiny to a member of the Peer Review Board. All manuscripts must be written in English. If English is not the author's primary language, the author should obtain assistance.

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**FRUIT** is read in 103 countries by more than 16,000 readers per issue.

Publication frequency (print/digital): monthly

© 2023 by confructa medien GmbH,  
Westerwaldstrasse 2a, 56587 Oberhonnefeld,  
Germany

ISSN 0939-4435, Printed in Germany

**PRODUCT DEVELOPMENT**

**A transformational new functional supplement and beverage brand powered by Dole . . . . . 86**

The Secret Nature of Fruit®, a new functional supplement brand powered by Dole Packaged Foods, LLC, announced the launch of Fruit-Powered Vitamin Chews: a sustainably-crafted line of functional chew supplements aimed at uncovering and harnessing the hidden ‘secrets’ of fruit to deliver key functional nutrients needed to help power your body, naturally. The Secret Nature of Fruit launch is a transformative step for Dole as it transitions into a health and wellness company and introduces products into two new and different categories ...



**ANALYTICS**

**Special tool enables laboratory staff to perform manufacturer-independent and digitised maintenance of their own equipment. . . . . 88**

Regular maintenance of chromatographic systems is intended to ensure that the instruments operate at optimum efficiency and that the separation of substances meets the highest standards. However, the maintenance of chromatographs means a high financial outlay for many laboratories, as it is usually carried out by the equipment manufacturers. In addition to scheduling agreements, a lot of documents and data have to be exchanged between the user and manufacturer sides – resulting in confusing paperwork and organisational efforts. In order to make maintenance more cost- and time-efficient, AnaTox GmbH & Co. KG has added a new feature to its proven AIQ Tool ...

**INDUSTRY 4.0**

**Get unwired to unleash more possibilities for your industrial networks . . . . . 90**



Wire pulling is not always possible or ideal in every industrial application. In situations where it’s hard to wire or reconfigure industrial operations to ensure time to market, industrial wireless LANs (WLANs) provide an ideal alternative to traditional wired Ethernet LANs. Indeed, recent advances in wireless technology have contributed to industrial WLANs becoming commonplace solutions in various applications, such as automotive, logistics, and transportation systems ...

**MARKETS**

**Fresh produce consumption remains under pressure in Europe . . . . . 92**

The outlook for consumption of fresh fruit and vegetables remains under pressure in the European Union. These are the conclusions from the latest consumption trends discussed in Freshfel Europe through a review of trends in Member States, covering 75 % of the EU population. Despite a very positive momentum for consumption growth, many barriers are severely impacting the move towards a healthier and more sustainable diet for European consumers ...

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