



# FRUIT PROCESSING *digital*

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Analytics

Hygienic Design

Market Data

Market Price Report

Packaging

Product Development

Raw Material

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



**100 % GREEN: SCREENS TO PROTECT BERRY CROPS**

### ANALYTICS

**Fast analysis of particle shape and size of suspensions and emulsions as well as of powders and bulk solids! . . . . . 114**



The FRITSCH ANALYSETTE 28 ImageSizer for dry and wet measurement is the ideal Particle Sizer for all applications that require accurate and reproducible measuring results for both particle shape and size. The optical process of Dynamic Image Analysis provides results for a wide measuring range, delivers multiple shape parameters and evaluation possibilities for particle size. The measuring time depending on the sample quantity, is under 5 minutes. And the result is available immediately ...

### HYGIENIC DESIGN

**New Alfa Laval Aseptic Mixproof Valve meets the needs of a growing market . . . . . 116**

Alfa Laval is introducing an aseptic double-seat valve to its range of Alfa Laval mixproof valves. The new Alfa Laval Aseptic Mixproof Valve for sterile process applications is based on the same modular architecture as the well-proven aseptic version of the company’s Unique Single Seat Valve (SSV). More importantly, the Alfa Laval Aseptic Mixproof Valve reduces the total cost of ownership for dairy, food, beverage and other manufacturers by up to 45 % compared to the leading aseptic double-seat mixproof valves ...

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**PACKAGING**

**FreshSafe PET® from KHS: Association of Plastic Recyclers recognizes recyclability achievement . . . . . 118**

The public demand for more sustainability is growing stronger. As a result the industry is increasingly concentrating on the recyclability of PET bottles. However, this type of packaging often contains composite materials which considerably hinder simple, pure-grade recycling. KHS’ FreshSafe PET® technology offers the beverage and food industries a unique alternative. A wafer-thin protective layer of chemically pure glass on the inside wall of the PET container combines product protection with full bottle-to-bottle recycling. This has now been officially acknowledged by North America’s Association of Plastic Recyclers (APR): this recognizes PET bottles coated using Plasmax barrier technology as meeting or exceeding APR’s most stringent Critical Guidance criteria for recyclability ...

**RAW MATERIAL**

**Berry fruits, Arrigoni presented its “100 % green” solutions at “Global Berry Congress 2019” . . . . . 120**

Arrigoni, a leading international player in the technical textile sector for agriculture, was among the key players of the 2019 edition of the Global Berry Congress, held from 25 to 27 March in Rotterdam. With a speech given by Milena Poledica, agronomist and researcher of the Group, invited for the occasion to this exclusive event, the Company presented its innovative “100 % green” solutions to protect berry fruits from atmospheric events and harmful insects ...

**PRODUCT DEVELOPMENT**

**Suntory PepsiCo debuts ‘goodmood’ to pioneer in ‘Water Plus’ category in Thailand . . . . . 122**

Suntory PepsiCo Beverage (Thailand) Company Limited (SPBT), producer and distributor of the most loved beverages under Suntory and PepsiCo, is making a new move in Thailand’s THB 154 billion<sup>[1]</sup> valued Liquid Refreshment Beverage (LRB) industry by unveiling the latest beverage under the brand ‘goodmood’ – a guilt-free refreshment that ...



**MARKET DATA**

**Top five innovation trends in consumer industry to watch out for in APAC in 2019, according to GlobalData . . 124**

The fast-moving consumer goods (FMCG) sector has undergone a significant transformation over the past decade and it continues to evolve. Sumit Chopra, Consumer Research Director at GlobalData, a leading data and analytics company, highlights top five innovation trends that are going to impact the production, marketing and sales of consumer goods in Asia-Pacific (APAC) in 2019 ...

**REGULAR SECTIONS**

**Editorial . . . . . 111**  
**Imprint . . . . . 112**  
**Peer Review Board . . . . . 117**  
**Business News . . . . . 126**  
**Offers & Requests . . . . . 127**  
**New Product Launches . . . . . 138**  
**Business Contacts . . . . . 140**  
**Market Price Report . . . . . 141**

