

FRUIT PROCESSING



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Brands
Crop Forecast
Filtration & Separation
Market Price Report
Packaging
Packaging Systems
Preservatives

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Sustainability requires flexible packaging concepts



PACKAGING

Contemporary packaging innovations 294



Manufacturers of aseptically filled juices and other beverages face the challenge of producing their products as sustainably as possible, while also achieving market credibility. For successful positioning, products must therefore promise packaging that meets the highest ecological requirements, together with filling systems that offer sufficient flexibility for dynamic markets. Here, Pure-Pak® beverage cartons and filling lines from Elopak tick every box ...

FILTRATION & SEPARATION

FRITSCH Sieve Shakers: Everything you need for sieving! 297

The FRITSCH sieve range is the focused answer to all typical sieving tasks in the laboratory: three well-conceived instruments for every application, with FRITSCH concepts that make the work simpler and faster – easy to operate, reliable and long-lasting ...

CROP FORECAST

Prognosfruit 2022 releases its annual apple and pear crop forecast. 298

Prognosfruit's 2022 European apple and pear crop forecast reveals that apple production is set to increase by 1 % compared to 2021, while the upcoming pear crop is estimated to increase by 20 % compared to last year's record low crop of the decade and by 5 % compared to the 3-year average. On 4 August 2022, more than 200 international representatives from the apple and pear sector joined Prognosfruit 2022 in Belgrade, Serbia, the first in-person Prognosfruit event after two online editions, to discuss the 2022 production forecast for apples and pears ...

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PRESERVATIVES

New natural preservative for energy-saving cold filling 302

At the drinktec trade show in Munich LANXESS unveiled its expanded portfolio for the microbiological protection of beverages. In addition to the tried-and-tested Velcorin technology, the completely natural preservative Nagardo was approved in July 2022 for EU-wide use in alcohol-free beverages. Innovations for the existing Velcorin technology was also presented, with the new generation of Velcorin DT Motion dosing units ensuring reliable, high-precision addition of the cold sterilisation agent to the beverage. Also celebrating their premiere was the new internally coated aluminum bottles specially developed for ...



INDUSTRY 4.0

Understanding the increased demand for industrial switches in food and beverage plants 304

Industry 4.0 has made considerable inroads into America with more than 36,500 food and beverage processors. Machine-to-machine (M2M) communication, big data, and machine learning are rapidly being adopted to increase profitability in an industry long characterised by its low margins. Industry 4.0 is improving efficiencies up and down the enterprise, from the enabling of predictive maintenance programs and supply chain monitoring, to the generating of traceability data for government compliance. Data collected from smart sensors on the plant floor is being ...

PACKAGING SYSTEMS

Green Layer IBC and PE drums: Quality and safety with a high recycle content 308

Saving CO₂ is becoming increasingly important in the packaging industry. With the European Green Deal and the Action Plan for the Circular Economy, the European Union has defined the future framework conditions for resource-saving economic growth. One central measure is the use of plastic recycle in packaging. Schütz is one of the pioneers in this field. The technology leader is constantly increasing the recycled content of its packaging by using state-of-the-art, multi-layer extrusion and continually developing its recycling processes ...

BRANDS

Non-alcoholic drinks brands are sparkling as the world looks to post-COVID future 310

Coca-Cola (brand value up 7 % to US\$35.4 billion) is the world’s most valuable brand in the non-alcoholic drinks sector, according to a new report from leading brand valuation consultancy, Brand Finance. The iconic and world-leading drinks brand is rejuvenating its brand offering to meet consumer and regulatory demand for low sugar content beverages ...

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