

# FRUIT PROCESSING *digital*

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Crop Forecast  
Market Price Report  
Packaging  
Process Measuring  
Raw Material  
Semi-finished Products

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„These are Granadillas.“

**Tropical fruits add an exotic touch to juices**

**SEMI-FINISHED PRODUCTS**

**Tropical fruits add an exotic touch to juices**

**Fruit pulps and powders from South America . . . . . 258**



South America offers an abundant array of fruits: mango, pineapple, passionfruit, avocado, guava, graviola, granadilla, pitahaya, physallis, lucuma and camu camu are just a few examples. The pulps and powders of tropical fruit are ideal for adding to juices, refreshing drinks and smoothies, which are enriched by their exotic flavours. At the same time they provide an impressive nutrient content; guava and graviola, as well as lucuma and camu camu, are all counted as “super-fruits”. Import Promotion Desk (IPD), a project of the Federal

Ministry for Economic Cooperation and Development (BMZ), helps enterprises from Ecuador, Colombia and Peru to introduce their tropical and subtropical fruits to the European market ...

**PROCESS MEASURING**

**Conductivity meter now with 5 years warranty . . . . . 262**

The ILM sensor series from Anderson-Negele is often considered a synonym for efficiency and reliability in CIP phase separation. In a special promotion, Anderson- Negele is now offering an extended warranty of 5 years, for a limited time, at no extra charge. The current generation ILM-4 is based on the experience gained from a series of predecessor models and has already proven its practical suitability and durability in thousands of applications even under the harshest operating conditions. In a recent upgrade the digital communication interface IO-Link was integrated in a special Flex Hybrid Technology ...

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**PACKAGING**

**Knowledge with impact**

**Schubert Robotics creates the perfect packaging for functional drinks . . . . . 266**

Functional drinks are becoming increasingly popular around the world, especially in Asia, where they are already an integral part of many consumers’ everyday lives. Manufacturers such as TCI from Taiwan rely on elegant product design and sophisticated packaging that conveys the high quality of these functional feel-good drinks to the outside world. For the urgently needed expansion of automation in production, TCI opted for a flexible and compact packaging line from Schubert ...



**CROP FORECAST**

**Stable production figures in uncertain times:**

**Prognosfruit 2020 releases its annual apple and pear crop forecast. . . . . 270**

Country	2011	2012	2013	2014	2015	2016	2017	2018	2019	F2020
Austria	199	157	155	188	177	40	67	184	146	121
Belgium	305	220	220	318	285	234	88	231	242	167
Croatia	83	59	96	62	101	35	66	86	60	55
Czech Rep	79	118	121	131	156	139	102	145	103	111
Denmark	20	18	23	26	24	24	19	24	15	24
France	1,701	1,169	1,576	1,444	1,674	1,515	1,424	1,477	1,651	1,431
Germany	953	972	804	1,116	973	1,033	597	1,093	991	951
Greece	305	242	236	245	242	259	231	301	276	289
Hungary	301	750	585	920	522	498	530	782	452	350
Italy	2,293	1,939	2,122	2,456	2,280	2,272	1,704	2,264	2,096	2,080
Latvia	8	9	15	10	8	10	8	14	10	14
Lithuania	49	39	40	27	46	50	48	62	26	58
Netherlands	418	281	311	353	336	317	228	287	273	234

Prognosfruit’s 2020 European apple and pear crop forecast revealed that most European countries are expecting an overall stable apple and pear crop for the coming season. On 6 August 2020, more than 150 international representatives from the apple and pear sector joined the Prognosfruit 2020 Online Conference, the first ever virtual version of the event in its 45 years to discuss the 2020 forecast. During the conference, the World Apple and Pear Association (WAPA) released the ...

**RAW MATERIAL**

**Study shows the environmental contribution of the Brazilian citriculture. . . . . 274**

This year, the Crop Forecast Survey (PES) by Fundecitrus included a study in citriculture on the quantification of areas dedicated to the preservation of native vegetation and biodiversity on citrus farms in São Paulo and West-Southwest Minas Gerais, which showed that green areas total 181,750 hectares. The area allocated to citriculture on those same farms amounts to 459,058 hectares, i.e., there is one hectare dedicated to environmental preservation to ...

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