

innovations

IN FOOD TECHNOLOGY

Pure
Free From
Sustainable
Potato Protein

Introducing the new...



Ever wished for a 100% vegetable protein that provides great emulsifying, foaming and gelling but no allergen labelling ?

Or a pure 'green' nutritional protein with a complete amino acid profile, that fits perfectly into a more sustainable lifestyle ?

Solanic potato proteins offer proven 'free from' solutions.
Our specialists are ready to meet your challenge.

Fi Food ingredients
Europe

Meet us at Stand 8E06

solanic

produced by spray drying. This also facilitates handling of the goods, because the agglomerates, with their compact form, have better flow properties, are easier to dose, contain much less dust and can be tableted directly.

Mark Riemer, Commercial Director of SternMaid: "With this wide range of processing options and our comprehensive service offer we are in an excellent position to supply the food industry. With our capability for processing, drying, blending and filling food ingredients and food supplements we bridge the gap between individual solutions and flexible production."

SternVitamin Stand: 8H30

SternVitamin helps beverage manufacturers with new premixes for energy drinks

SternVitamin, an international supplier of customized vitamin and mineral premixes for food, beverages and food supplements, will present new combinations of active ingredients at FIE (Stand 8H30). These include "Love Boost" energy drinks containing plant substances like damiana extract powder, reputed to have a stimulating effect.

"Love boost" drinks

The premix from the SternVit BV series is available in two variants: for women and for men. The mixture for women contains the plant extracts ginseng and damiana and also L-arginine, magnesium and the vitamins B6, B12 and C. Besides damiana and guarana extract, the "stimulator" for men contains the vitamins B1, B6, B12 and C. Plant extracts like damiana and ginseng make trend products particularly attractive and increase their value-added potential. When combined with SternVitamin's base compounds for energy drinks, they make it possible to create totally new product lines.

Guarana has long been known to have a stimulating effect. In Asia, where it originates, ginseng is regarded as a universal remedy. The root is a classic tonic to combat fatigue and exhaustion. Damiana, on the other hand, is still scarcely known in many countries. The plant's natural habitat extends from the USA to Argentina. Mexican doctors and the native inhabitants use damiana as a medicinal plant to relieve spastic conditions of the respiratory organs, nervous tension, depression and sexual dysfunction.

Customized vitamin premixes

When realizing ideas for new products, SternVitamin cooperates closely with the development departments of its customers. In doing so, the applications technologists give careful consideration to the product parameters and the production process at the customer's facility. This makes it possible to calculate any loss of activity of the ingredients resulting from manufacture and storage of



the end products and compensate for it by slight overdosing.

For the beverage industry it is also extremely important for the micronutrients to be readily soluble. To achieve this, SternVitamin makes use of state-of-the-art technology such as fluid bed drying in the manufacture of the premixes. With the aid of the new fluid bed processor, for example, the company can transform powders with poor solubility into agglomerates with a porous structure that dissolve much more readily in water. The fluid bed processor also permits drying, granulation and coating.

Sunsweet Stand: 9E17

New Sunsweet prune pieces enhance the culinary value for dairy products

During this year's Food Ingredients Europe company bolasco as exclusive trade partner for Sunsweet will present attractive novelties from the portfolio of the worldwide leading producer for prunes and prune ingredients: These natural ingredients give impulses for sales-boosting product ideas, not only to dairy companies but also to producers of muesli and cereals.

One example are the new Sunsweet prune dices. In recent years the demand of consumers for dairy products and desserts with genuine fruit pieces increased. Diced prunes give real piece identity in fruit preparations in dairy products and thus comply with the demand of consumers. The prune dices from Sunsweet are ideal for yogurts, cream cheese, ice cream, desserts or fruit-based milk drinks. Independent market research tests show a high consumer acceptance for this new product. Almost two thirds of the interviewed consumers would buy the prune dices among others because of the taste, texture and appearance.

An additional advantage of prunes is the high amount of natural sorbitol which allows to reduce the addition of sugar. Due to the unique combination of fibers and sorbitol the prunes fit perfectly to reduce the fat content in yogurts. They emulate the taste and the texture of fats and are therefore able to reduce the energy content. Furthermore they enhance the taste of aromas. Producers which are searching for clean label solutions will get attractive alternatives with the different ingredients from Sunsweet. Additionally, prunes enjoy a positive image of consumers as being a healthy natural product.

A further novelty from Sunsweet are prune dices with glycerin. This humectant prevents from drying, hardening and losing taste under dry conditions e.g. in muesli or fruit-nut-mixes. Innovative for the meat industry is the Sunsweet concentrate made from fresh plums. It serves as replacement for phosphates in meat and sausages. The sugar alcohol Sorbitol contained in plums has a hydrophilic effect which can be used perfectly in plum concentrate as a natural alternative to phosphates.

Practical Application Live

How ingredients enhance the culinary value of the particular final products visitors to the fair can experience for the first time directly on the bolasco booth. The chef Anthony Sarpong will use the fruit and ingredients live in place, in muesli or cereals, fruit yogurts or smoothies with fruit pieces. At the same time he shows that fruit is not only suitable for sweet foods but also for spicy preparations like chutneys relish or rice dishes.

For about 95 years bolasco is marketing the portfolio of Sunsweet in the German market. Besides prunes a whole range of prune ingredients was developed within the last years. The spectrum covers bits, diced, puree, paste and powder up to fiber and concentrates. In addition bolasco represents many other market



leaders in the field of conserved fruits. These ones present their products on this year's FIE in Frankfurt for the first time on the bolasco booth (hall 9, stand E17). Thus the visitors can inform themselves about a wide selection of different fruity ingredients. These include, inter alia, Terrafertil goldenberries, Ocean Spray cran berries, Sun Maid raisins and Blue Diamond almonds. Among this comprehensive offer bolasco compiles tailor made solutions which fulfill individual demand and requirements of each customer.

Tate & Lyle Stand: 8E07

Tate & Lyle to showcase its new SPLENDA® Sucralose PLUS programme at FIE

Tate & Lyle is a global provider of ingredients and solutions to the food and beverage industry, and, over the last two years has won over 10 prestigious industry awards for innovation.

Visitors to Tate & Lyle's stand, Hall 8 E07, at FIE 2013 can learn more about the newest ingredients, applications, services and visit the dedicated innovation area.

Tate & Lyle will showcase its new SPLENDA® Sucralose PLUS PROGRAMME, a customizable concept-to-lab-to-market service that helps food and beverage manufacturers identify opportunities, improve processes and bring new and better products to market.

Visitors will also learn more about Drop by Drop made with SPLENDA® Sucralose - an innovative new flavoured beverage concentrate which can be added to water to produce a great tasting zero-calorie sweetened drink.

On Tuesday 19th November from 12.15pm to 12.40pm, don't miss Tate & Lyle's insightful conference on Integration of Open Innovation with an ongoing New Product Development program, led by Dr Andy Hoffman, Technical Director Health and Wellness.



Taura Natural Ingredients Stand: 8A71

Low GI URC® fruit pieces set to take centre-stage for Taura

Taura Natural Ingredients will showcase its low glycemic index URC® fruit pieces at this year's Food Ingredients Europe (FIE) show, highlighting the rich opportunities they offer for creating delicious snacks that provide slow release energy.

Exhibiting on Stand 8A71, Taura's representatives will be on hand to discuss the results of independent GI testing conducted recently on two of its biggest selling URC® fruit products - JusFruit