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DuPont Nutrition & Health Leads the Way in Sustainable Emulsifiers
2012-09-26
URL:

DuPont Nutrition & Health (DuPont) is leading the way with its extensive portfolio of emulsifiers based on sustainably sourced palm and non-palm oils to address concerns about the impact of palm oil plantations on the environment and local wild life.

In January 2009, DuPont was the first company to offer RSPO (Roundtable on Sustainable Palm Oil) certified Mass Balanced (MB) emulsifiers, and last year the first company to offer RSPO certified Segregated (SG) emulsifiers.

By 2015 DuPont has pledged to source 100 per cent of its palm-based raw materials as certified palm oil, and is well underway to realising that ambition.

Educating the Market

The world's largest retailers and food companies have committed to using only certified sustainable palm oil by 2015, but the terminology is difficult to understand leading to confusion.

"We want to educate customers about the differing categories of sustainable palm oil, so that they know that the only way to know for sure that a product contains sustainable palm oil is for it to be Segregated (SG)," said Bo Damgaard, global product director, Emulsifiers, DuPont Nutrition & Health.

Segregated and Mass Balanced

SG palm oil is kept separate throughout the supply chain and the end product is guaranteed to only include palm oil from RSPO certified plantations - a serious commitment by the producer.

MB palm oil may be mixed with conventional palm oil at each stage of the supply chain, but bookkeeping at each stage ensures that the amount of palm oil used to produce a consumer product with a MB claim is matched by the consumption of the same amount of palm oil from RSPO certified plantations. This concept is more difficult to explain to consumers, but it does offer an easier solution for manufacturers.

DuPont™ Danisco® Sustainable Emulsifiers

The DuPont™ Danisco® ingredient range offers a broad range of both SG and MB emulsifiers, and DuPont can offer the necessary experience and strongest capabilities within the area.

"For manufacturers who do not want to postpone conversion to certified sustainable palm oil until 2015, there are no longer any limitations on finding emulsifiers from a sustainable source as DuPont can manufacture virtually all emulsifiers sustainably," said Philippe Bax, regional emulsifier product director.

Certain markets have chosen to avoid palm-based materials altogether, and the DuPont™ Danisco® ingredient range also offers a large range of non-palm emulsifiers based on non-GMO rapeseed and sunflower oils and non-palm glycerol.

DuPont™ Danisco® is the brand for a range of products that help provide enhanced bioprotection, an improved nutritional profile, and better taste and texture with greater cost efficiency and lower environmental impact, meeting the needs of manufacturers of food and beverages, dietary supplements and pet food. Through the work of the global network of food scientists and technologists in DuPont, the Danisco® range is supported by a uniquely broad spectrum of know-how across applications and processing.

DuPont Nutrition & Health addresses the world's challenges in food by offering a wide range of sustainable, bio-based ingredients and advanced microbial diagnostic solutions to provide safer, healthier and more nutritious food. Through close collaboration with customers, DuPont combines knowledge and experience with a passion for innovation to deliver unparalleled customer value to the marketplace.

DuPont (NYSE: DD) has been bringing world-class science and engineering to the global marketplace in the form of innovative products, materials, and services since 1802. The company believes that by collaborating with customers, governments, NGOs, and thought leaders we can help find solutions to such global challenges as providing enough healthy food for people everywhere, decreasing dependence on fossil fuels, and protecting life and the environment.

More info: www.dupont.com.

