



EXECUTIVE DIRECTOR

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(English only)

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Various sugar related articles

The Executive Director would like to draw your attention to the articles below all of which are relevant to the sugar sector.

Sugaronline Ebriefing

SOUTH KOREA: Agriculture ministry to continue talks to extend tariff-rate quota on raw sugar

South Korea's deputy minister for agricultural innovation policy, Kwon Jae-han, said on Oct. 24 that the agriculture ministry would continue talks to extend the tariff-rate quota system on raw sugar, which will expire at the end of 2023, according to The Korea Times.

Under the tariff-rate quota system, products are imported with favorable duty conditions within a designated volume.

The minister also said that local industries plan to avoid raising sugar prices through early 2024.

BRAZIL: Cane productivity in CS in Sept is 21% higher than Sept 2022

Brazilian cane biotechnology company CTC has said that sugarcane productivity in Brazil's centre-south region was 83.2 tonnes per hectare in September, up 21.3% from the same month last year, according to Broadcast Agro.

The average productivity in the season is 91.1 t/ha, up 22% year on year, the highest productivity in 20 years.

The sharpest increases in productivity were recorded in Araçatuba (37.4%), Piracicaba (28.7%) and São Carlos (27.9%).

ARGENTINA: Two mills in Tucumán conclude activities for the season

Two sugar mills in Argentina's Tucumán province concluded activities for the 2023 sugarcane crushing season this week, according to the Tucumán's Institute for the Promotion of Sugar and Alcohol (IPAAT), reports Sugaronline.

On Oct. 23. sugar mills Cruz Alta and Concepción ended operations for the harvest after 134 and 139 days of operations, respectively.

Concepción mill crushed around the same volume of sugarcane processed in 2022, of 2.27 million metric tonnes. The final production volumes have yet to be released.

Cruz Alta crushed 560,566 tonnes of sugarcane, up 1.9% from 2022. Sugar production totaled 44,838 tonnes, 1.6% more than in 2022, according to a statement released by IPAAT on Oct. 23.

By Oct. 25, 14 mills in Tucumán were operational. The total volume of sugarcane crushed in the province so far in the season was 14.54 million tonnes, with sugar production totaling 1.05 million tonnes. Ethanol output from eight distilleries in the province reached 208.74 million litres.

THAILAND: Czarnikow says 2024/25 cane crush could reach 80-100 million T

Thailand's 2024/25 sugarcane crush could reach between 80 million and 100 million metric tonnes as a high cane price may encourage farmers to plant more for harvesting next season, according to Czarnikow, reports Sugaronline.

"Farmers will make decisions on what to plant for the 2024/25 season starting from October this year. It is likely that cane is going to be paying a significant premium to cassava (as well as rice and corn), which we think could lead to a strong switch back to cane," analyst Nateetorn Petchphankul wrote in a report released on Oct. 25.

Czarnikow estimates that the Thai cane price for the upcoming season could surpass THB1,500 (US\$41.32) per tonne, as long as the #11 raw sugar remains above 24 cents per lb across the March '24, May '24 and July '24 futures contracts from now until their expiries.

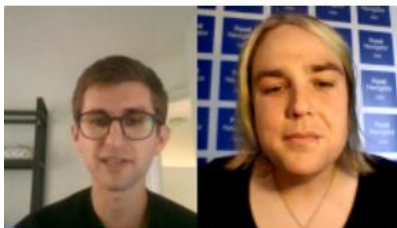
In 2023/24, Czarnikow expects Thailand to crush less than 70 million tonnes of cane, as the majority of the crop have been damaged by the low rainfall at the start of the year, also leading to lower agricultural yields.

ED & F MAN Daily Research

Cofco Says Brazil's Sugar Logjams to Persist Until at Least 2025 – Bloomberg - Bottlenecks plaguing ports and delaying shipments from agricultural powerhouse Brazil will persist until Cofco International Ltd. Opens its new terminal in Santos, Brazil's biggest port, said Marcelo de Andrade, managing director of soft commodities at Cofco. That will support sugar prices that already are heading for a fifth year of gains in what would be the longest winning streak since 1989. "The world needs sugar. Brazil has sugar but can't ship it, so prices have to rise," de Andrade said an industry event in Sao Paulo this week. "How long will the party last? Until Cofco's terminal starts."

FoodNavigator.com

Are natural sweeteners the next evolution of better-for-you energy drinks? SPINS shares insights



Energy drinks might be on the cusp of the next better-for-you evolution, which will see natural sweeteners gain over sugar and artificial alternatives, as the market overall continues to see high demand and strong unit growth, Scott Dicker, market insight director for SPINS, shared with FoodNavigator-USA.

<https://www.foodnavigator-usa.com/article/2023/10/26/video-are-natural-sweeteners-the-next-evolution-of-better-for-you-energy-drinks-spins-shares-insights>

Innovative dry mill technology produces low carbon-intensity corn syrups Consumers are increasingly focused on sustainability and the footprint they leave behind for future generations.

Globally, consumers are moving toward sustainable products with a lower carbon footprint or carbon intensity.

A 2021 poll found that 80% of Americans are concerned about the environment.¹ That's up from 74% concerned about the environment in 2019.¹

The consumer packaged goods (CPG) industry is at the forefront of the sustainability push, with many companies – all of the top 50 identified by the Consumer Brands Association (CBA) – implementing goals and meaningful, impactful strategies to back them up. Global production of food and consumer goods accounts for 60% of greenhouse gas (GHG) emissions, 80% of water usage, and 66% of tropical forest loss.² This exemplifies the need to have holistic solutions to increase our efficiency in resource utilization.

CPG brands are looking toward technology innovation, renewable feedstocks and waste reduction strategies to drastically lower carbon emissions as part of their corporate sustainability goals. Brands that are not working to enhance their sustainability could be left behind.

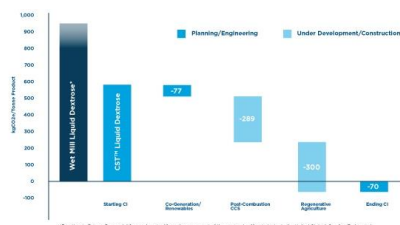
Technology innovation

Refined corn products, whether glucose and dextrose syrups, starches or gluten meal, have traditionally been produced by wet mills, which over decades of operation have continued to optimize the production of these valuable products from corn. So far, the use of dextrose and glucose syrups, whether for food and beverage applications, bioplastics or biochemicals, have relied on the wet mill production processes to help feed the burgeoning demand in biomanufacturing as well as traditional food applications.

But the wet milling process carries high energy and natural resource requirements, boosting the carbon intensity score of the products it makes. So Green Plains is entering the refined corn ingredient market with a new approach: dextrose and glucose corn syrups from a dry mill, with a carbon intensity (CI) up to 40% lower than traditional alternatives – the lowest CI on the market. This accelerates customers' decarbonization journeys with a molecularly identical product, with a reduction of up to 350 kilograms of carbon dioxide equivalent per metric ton of corn syrup.

"As part of achieving carbon reduction goals, it's ingredients that matter," says Anand Sundaresan, Senior Vice President – Research & Development for Green Plains. "If you have an ingredient that has a lower carbon footprint, that is a much more direct way of reducing the overall footprint of your product."

Green Plains' Clean Sugar Technology (CST) is an energy-efficient approach to producing dextrose and glucose syrups at the company's existing biofuel facilities, utilizing the same corn feedstock. The technology's advantages are generated from its simple approach in skipping the numerous starch separation and wash steps of the traditional wet mill process. This simplification of manufacturing enables a reduction in water, chemical and electrical usages, leading to an improved carbon footprint for the products.



In further continuing to lower carbon emissions from its processes, Green Plains is focused on sustainability in all its sectors, deploying energy efficiency upgrades, combined heat and power systems, carbon capture technologies, and regenerative agriculture programs, among other measures. That sustainability advantage is passed along to customers, consumers and the planet.

Characteristics of success

The physical attributes of these sustainable dry mill sugar ingredients are equivalent to existing products, lending themselves to be drop-in replacements.

95 DE Unrefined Dextrose Corn Syrup, frequently used as a feedstock in fermentation and other bio-conversion processes, offers high fermentability and conversion yields while providing key growth nutrients to the organisms used in these processes.

95 DE Refined Dextrose Corn Syrup, with a high fermentability and sweetness level, is an ideal feedstock in various fermentation and food manufacturing processes, as well as bio-conversion technologies.

63 DE Refined Glucose Corn Syrup provides a balanced level of sweetness with a lower viscosity in food and beverage products. Its solubility stability and neutral taste profile make it a preferred choice for applications where rapid crystallization control and minimal impact on flavor are essential.

43 DE Refined Glucose Corn Syrup can serve as a sweetness modulator and provide desirable texture and mouthfeel to products such as bakery, confections, and beverages.

In customer evaluations, CST dextrose syrups have outperformed competitors in fermentation trials. These trials have shown equivalent product yield with higher growth rates, leading to increased productivity for the ingredient being produced.

Get green faster

Green Plains' low carbon-intensity dextrose and glucose corn syrups are ideally suited for food formulations, fermentation and catalytic conversion processes in food and beverage manufacturing, as well as in bio-based materials and renewable chemicals.

One hundred million pounds of low carbon-intensity corn syrup reduces the carbon footprint of a product by up to 12 million kilograms of carbon dioxide equivalent. That carries the same impact as planting 60,000 trees.

'Consumers are confused by all the different symbols and logos on the market': Calls for internationally agreed standards for environmental sustainability labelling after large survey



There is widespread public support for a universal eco-label to be introduced for food products, with more than two-thirds of consumers across Europe saying they would use such a tool to help them make more sustainable choices, according to a new pan-European study released by the EIT Food Consumer Observatory at the 2023 Future of Food Conference in Brussels.

<https://www.foodnavigator.com/article/2023/10/26/calls-for-internationally-agreed-standards-for-environmental-sustainability-labelling-after-large-survey>

Greenwashing in confectionery: EU expected to clamp down on blurring the lines between marketing and verifications



One of the major challenges facing the premium chocolate industry is the practice of 'greenwashing' where consumers are deceived by meaningless icons and false claims on labels purporting that the brand is committed to a responsible and transparent supply chain.

<https://www.foodnavigator.com/article/2023/10/26/greenwashing-in-confectionery-eu-expected-to-clamp-down-on-blurring-the-lines-between-marketing-and-verifications>

American Sugar Beat



Sugar Beat

American Sugar Alliance Congratulates New Speaker of the House, Representative Mike Johnson

The American Sugar Alliance congratulates **Representative Mike Johnson (R-LA-04)** on his election as Speaker of the House - and as the first Speaker from Louisiana.

As Speaker of the House, Mr. Johnson has the critical task of shepherding legislation impacting the lives of all Americans – including a Farm Bill that supports American farmers and ranchers who provide us with the safest, most abundant and affordable food, feed, fiber, and fuel supply in the world.

"We stand ready to work with Speaker Johnson and all of House leadership in swiftly advancing the next Farm Bill," said **American Sugar Alliance Chairwoman Cassie Bladow**. "Farmers and workers are the backbone of this nation – especially as job creators and community leaders. Our 11,000 American sugarbeet and sugarcane family farmers support more than 151,000 good-paying jobs and maintain a resilient domestic sugar supply chain for consumers and food manufacturers. We urge the House of Representatives under Speaker Johnson's leadership to introduce and pass a Farm Bill that meets the needs of American farmers and ranchers and the communities they support."

Jim Simon, General Manager of the American Sugar Cane League, added, "Speaker Johnson understands the importance of agriculture to the nation and to our state. Louisiana's sugarcane growers and processors congratulate the new Speaker and urge Congress to act expeditiously to approve and improve the farm safety net."

The Farm Bill, portions of which expired on September 30, 2023, plays a vital role in supporting the nation's entire agricultural sector. In these challenging times, where farmers and ranchers face increased occurrence and severity of natural disasters, high foreign subsidies, and other predatory trade practices, a strong safety net is more crucial than ever. The Farm Bill not only provides a farm safety net but also creates more than 21 million American jobs, both on and off the farm and ranch, while fueling the U.S. economy.

