## Sweeteners

**Full Calorie Sweeteners** 

**High Intensity Sweeteners** 

**No/Low Calorie Sweeteners** 

**Soluble Fibers** 

### Sweeteners

Cargill offers one of the broadest sweetness portfolios, ranging from full to no calorie options. Whether you're creating a new product or formulating for balanced nutrition, we offer a complete toolbox of sugar reduction solutions for sweet success.

Product type/name	Features & Benefits
Full Calorie Sweeteners	These sweeteners all contribute metabolisable energy to the diet (4 kcal/g) and are therefore also referred to as caloric or nutritive.
Low/No Calorie Sweeteners	A diversified portfolio of multifunctional sweeteners with sugar like properties but with reduced or zero calorie content.
High Intensity Sweeteners	Stevia-based sweeteners are versatile, nature-derived, zero-calorie sweetening ingredients, and can deliver significant sugar reduction.
Soluble Fibers	Derived from corn and wheat, soluble fibers bring bulk and volume, lost when sugar is taken out of formulations.



### Full Calorie Sweeteners

Our wide range of glucose and dextrose syrups are characterised by lower to moderate relative sweetness and body compared to sucrose, and inhibition to crystallisation. They can be tailored to offer the right level of sweetness and functional properties.

Our range of glucose-fructose syrups with a fructose content of 10%-47% give these liquid sweeteners moderate to high relative sweetness. They offer a wealth of functional benefits, such as controlled browning and freezing point depression, next to significant cost and process efficiencies.

### **Nutritive Properties**

Provide energy for our body and fuel our brain, and are part of a healthy and varied diet when consumed in moderation.

#### Easy Handling & Usage

Have a stable liquid form and are clear in colour so they do not require dissolving or filtration.

#### **Sweetener Properties**

By varying the syrup's composition, the sweetness profile and functional benefits can be tailored specifically.

### **Improved Stability Of The End Product**

Maintain the taste profiles and offer longer shelf life as there is no sugar inversion during production or storage.

Product type/name	Features & Benefits
Glucose syrup	Low to moderate relative sweetness
C Sweet®	<ul> <li>Medium to high viscosity, body and mouthfeel</li> </ul>
	Helps to adjust sugar recrystallisation
Glucose-fructose syrup	Moderate to high relative sweetness
C TruSweet®	Cost-effective sugar replacement
	Controlled browning
Fructose syrup	High relative sweetness
C TruSweet® 795	Higher browning properties than glucose-fructose syrup range
Wheat & barley malt syrup	Milder relative sweetness
SweetPure™ M	Light grainy taste and colour
Dextrose	High relative sweetness, typical sweet taste
C Dex®	Quick energy release
C Dex-	Derived from corn & wheat starch
	Multifunctional as it acts to shorten the sweetness
	perception and enhance food or beverage flavour

# High Intensity Sweeteners

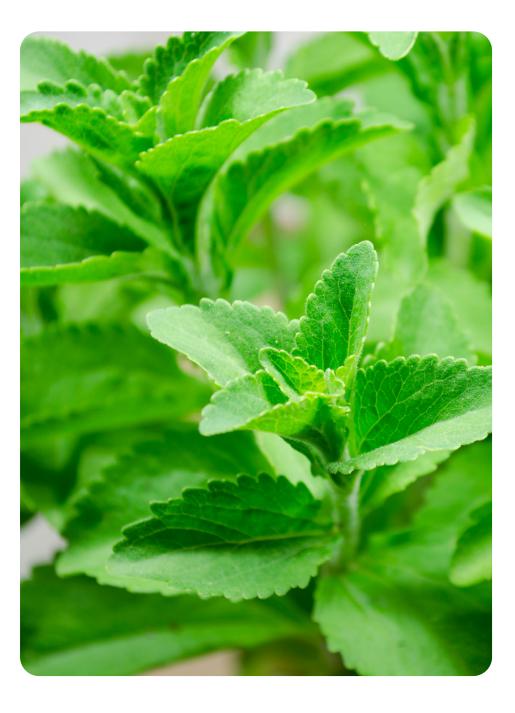
### Stevia Leaf Extract

Consumers are looking to reduce their intake of sugars without compromising on taste or label friendliness. Fortunately, next-generation stevia solutions are here to hit this market sweet spot! Stevia is a plant native to areas of northeastern Paraguay. The stevia plant contains sweet components called steviol glycosides that are up to 300 times sweeter than sugar. Stevia-based sweeteners have quickly become the favorite high-intensity sweetener as they have proven to be a useful, heat-stable, zero-calorie ingredient for a wide range of applications. However, higher usage levels proved challenging; until Cargill harnessed the unique interactions between the steviol glycosides, opening the door to new innovation.

### **Product type/name**

### Features & Benefits

Stevia Leaf Extract	<ul> <li>Sugar Reduction of 50% and more</li> </ul>
EverSweet <sup>®</sup>	Label-friendly
Truvia	Clean, sweet taste
ViaTech	<ul> <li>Reduces need for masking agents</li> </ul>
Discover EverSweet®	Cost- effective



### No/Low Calorie Sweeteners

0 kcal/g - 2.4 kcal/g, Sugar and calorie reduction

As reducing sugar consumption has become a global concern, consumers are actively seeking out foods and beverages with less sugar, but few are willing to give up the satisfaction of sweetness.

Polyols, which naturally occur in a variety of food products such as vegetables fruits and some fermented foods; are also known as sugar alcohols, deliver the satisfaction of sweetness without the sugar. These versatile sweeteners offer the potential for great-tasting reduced-sugar and sugar-free products, while contributing important sensory and functional benefits.

### Ideal for reducing sugar and calories

Polyols are metabolised in a different way than carbohydrates like sugar, glucose and starch. Since they are only partially metabolised and absorbed, the caloric value is lower than that of other sugars. (2.4 Kcal/g vs 4.0 Kcal/g). They have a reduced glycemic index.

### Sugar-like

Polyols help to bring back lost texture and mouthfeel in reduced sugar products. They can be used in combination with highintensity sweeteners as their clean sugarlike taste helps to mask off-flavours.

### Excellent processing stability

### Support oral health

Polyols are non-cariogenic and so do not contribute to tooth decay.

Withstanding severe acid and heat conditions during processing.

Product type/name	Features & Benefits
Erythritol <sup>1</sup>	Sweetness and taste profile close to sugar
Zerose	Adds smoothness and body
Isomalt	Mild relative sweetness
IsoMaltidex®	Clean, sucrose-like taste profile
Maltitol	Sweetness close to sucrose
Maltidex®	Good humidity and crystallisation control
Sorbitol	Milder relative sweetness
C Sorbidex®	Good humidity and moisture control
	<ul> <li>Properties leading to enhanced stability</li> </ul>
	Cost-effective

1 - FSANZ (Standard 1.2.3)

### Soluble Fibers

The demand for products that are reduced in sugars, but still deliver on taste and mouthfeel only continues to rise. However, reducing sugars is not as easy as it may seem, as sugars not only add sweetness, but they also have an essential bulking functionality. At the same time consumers are looking for health-promoting ingredients such as fiber.

Cargill's soluble fiber offers plant based label-friendly ingredients that help manufacturers meet consumer demand for sugar reduction and fiber enrichment while improving the nutritional profile of food & beverages.

### Sugar-reduced success

### Great taste & appearance

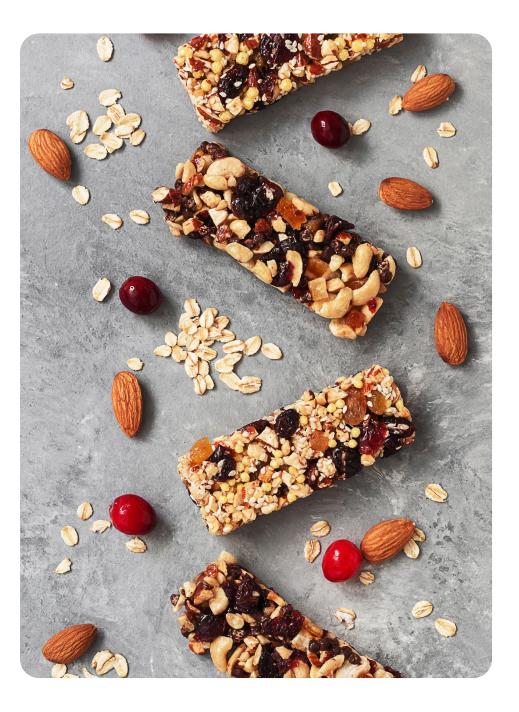
Help to achieve minimum 30% sugar reduction in a wide range of food applications

Provide great performance and mouthfeel in everyday products

### Label-friendly enrichment

Familiar ingredients that enable fiber enrichment and nutritional boost

Product type/name	Features & Benefits
Soluble corn and	Label-friendly
wheat fiber Cargill™ soluble fiber	Enables 'High in fiber', 'Source of fiber' claims
	Enables minimum 30% sugar reduction
	Calorie reduction
	Health Star rating improvement







### Contact us

Learn more about our product portfolio of ingredients in Australia.

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