

# Building a climate-resilient agricultural supply chain



## Further Progress on Sustainable Sourcing

We continued to see progress on our sustainable sourcing program, increasing to 85% sustainably sourced across our globally sourced Tier 1 crops. Our Tier 1 crops — corn, tapioca, potato, stevia and peas/pulses — comprise approximately 99% of our global sourcing by volume. Notable increases in sustainable volumes in 2024 were seen in the United States, Canada, Thailand and Colombia, driving much of our progress.



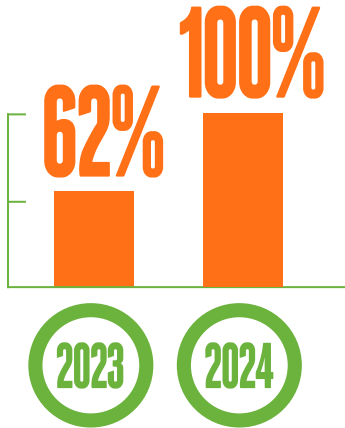
### Sustainably Sourced Stevia

Ingredion’s Stevia Sustainability Program made significant advancements in 2024 to continue to set the bar for the company as well as the stevia industry. This year, our agricultural team in the region achieved FSA Silver for 100% of our stevia leaf supply – an industry and company first. In addition to enhancing our sustainable sourcing program, we also executed on our Plant Breeder Rights (PBR) enforcement strategy to gain formal recognition as a stevia varietal provider to the industry. This sets the precedent for the protection of future stevia varieties.



**KURT CALLAGHAN**  
Director Global Product Portfolio, Healthful Solutions Sugar Reduction and Chief of Staff for PureCircle

*FSA Silver for 100% of our stevia leaf supply means we are fostering the best farming practices on the field and adding resiliency to make communities better. Our audit program ensures we are helping to elevate farmer livelihoods by prioritizing human rights, fostering sound farm management practices and optimizing herbicide and pesticide usage, resulting in increased yield per hectare.*

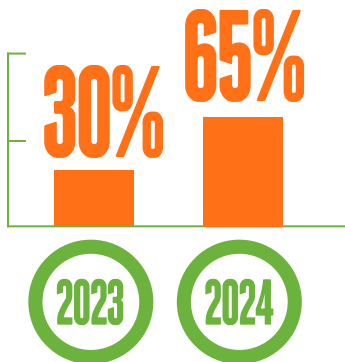


**The United States supply of dent corn resulted in our largest volume increase globally.**

Further collaboration with our growers helped to incentivize them to use the Sustainable Agriculture Initiative (SAI) Platform Farm Sustainability Assessment (FSA) program.

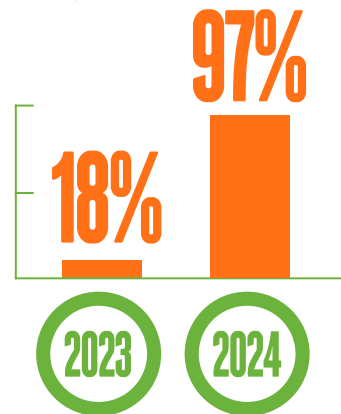


Ingredion Thailand continued their excellent work with growers, where they delivered some of the first FSA Silver validated tapioca in the country. This has been particularly challenging and rewarding work, as we have found a variety of farming practices to navigate among the nearly 7,000 small holder farmers that make up our supply base in the country. There have been a number of practices deployed with growers that have helped with the adoption of sustainable practices, but a considerable amount of direct support has also been provided. This work led from sustainable volumes in Thailand increasing from 79% in 2023 to 90% in 2024. **Through their efforts, the Thai team has earned FSA Gold status on approximately 34% of their total sourcing.**



**Our team in Canada worked closely with local grain elevators to incentivize them to get their supplying growers enrolled in the FSA program, improving our sustainable sourcing.**

These incentives included paying a premium to the elevators to support grower engagement and have opened the door for further collaboration with farmers into the future.



Our corn sourcing in Colombia, which is being imported from the United States, saw tremendous increases in sustainable volumes by leveraging the US Grain Export Council sustainable sourcing program that is new in the marketplace. This program was mapped against the SAI Platform FSA to ensure equivalency against our sustainable sourcing requirements and was the driver to significant increase in sustainable sourcing. **Because of the work of our local agriculture personnel, we were able to demonstrate that all 97% of the volume covered is at an FSA Gold level.**



As we move into 2025, we will continue to press on toward 100% sustainable sourcing of our Tier 1 priority crops. We know that there will be challenges in reaching this target – geopolitical pressures, growing small holders in our supply chain, rising program costs – but we are dedicated to driving progress.



## Enhanced Data Governance

In 2024 we implemented digital solutions to help us maintain robust governance over the grower data we collect around sustainable and regenerative agriculture. These solutions help us manage information and costs associated with our program by allowing our local agriculture teams to have a platform through which to communicate this information.



**JULIA SANGUINETTI**  
Sustainable Sourcing Analyst

*By improving our digital processes to track and communicate our sustainable sourcing data, we give ourselves better access to the data that we need to meet a growing number of customer requests in this space. It also provides us with faster access to data to enable more robust business decisions.*

## Regenerative Agriculture Progress

Regenerative agriculture continues to be a focus for Ingredion, and the food and beverage industry in general. In 2024 we engaged with multiple customers and supply chain partners on projects in the United States, Mexico and Brazil as we continue to do preparatory work in other geographies to continue to expand and grow our efforts. Our planning work was focused on implementing programs on around 82,000 acres, however, due to changing customer requirements, farmer implementation delays and other factors, we only implemented regenerative practices on 74,000 acres. Though this falls short of our aspiration for the year, the time spent in planning activity has laid the foundation for us to continue to drive progress in 2025 and beyond.

In addition to the planning work conducted in 2024, there were changes in industry regenerative agriculture standards that will help drive progress in the future. In October, the SAI Platform released their long-awaited Regenerating Together regenerative agriculture standard.



**ANDY UTTERBACK**  
Director of Global Sustainable Sourcing for Ingredion and a member of the SAI Platform Executive Committee

*We are hopeful that the new Regenerating Together program will help better align the industry around a single standard. We see this program as a great enabler for landscape level implementation of regen ag that will help us scale our impact, acreage and partnership in the future, while aligning project KPIs across the food and beverage industry.*







## Gum Acacia Sourcing

Over the past year, we have engaged with some of our customers regarding our gum acacia sourcing, with concerns arising primarily from political unrest in Sudan. Ingredient sources high-quality gum acacia from Sudan, Chad and parts of the Sahel region directly from our approved supplier located along a region known as the “Acacia Belt” that stretches from the Red Sea to the Atlantic. We have a long-established history of sourcing from this area with local teams and communities for over 20 years. We are committed to conducting business in accordance with our values, our policies and the law, and we expect our employees and suppliers to adhere to Ingredient’s Code of Conduct and Supplier Code of Conduct. We further work to make certain transactions are fully legitimate, transparent and in accordance with US trade policies and requirements.

To maintain full visibility of our sourcing, we use a **three-tiered approach**:

01

Suppliers are evaluated to ensure that we are using vendors that align with our quality requirements, business values and ethics.

02

Procurement management conducts regular site visits to suppliers.

03

The local field teams maintain a constant presence to ensure supply is secure and is of the highest quality.

We encourage and support communities to harvest gum acacia sustainably, based on the age of the trees, environmental factors and use the least invasive practices to preserve the health and sustainability of the trees. We hire local consultants and experts in the field of acacia forests and gum collection to support our efforts on safety, sustainability and traceability. Our consultants are on sites daily to observe and document practices, and any concerns identified are communicated immediately to Ingredient’s resident representative.

We continue to monitor potential impacts to our sourcing globally and take action as necessary in support of ethical, transparent and sustainable sourcing.



# Helping to promote a more food secure world



## Maintaining Our Focus on Food Security

Food security remains an important focus for Ingredion, both in terms of how we operate our business, as well as how we engage with the communities in which we operate. The three focus areas of our food security plan – product innovation, small holder farmer engagement and reducing food waste – help support our business in a variety of ways. Producing innovative ingredient solutions helps our customers increase affordability, formulate nutritious products and embrace texture technology that makes healthy food taste better. Supporting small holder farmers in our supply chain helps increase yields and build stronger climate resiliency into our supply chain. And reducing food waste helps us reduce loss and shrink our environmental footprint.



## Innovating Products in Support of Food Security

We continue to leverage our expertise in innovation to help promote sustainable formulations that help promote food security. We do this by making ingredients that give our customers options with plant-based proteins, affordability and upcycled ingredients.

Take our plant-based proteins progress for instance. We are helping our customers meet the growing consumer demand for products higher in protein without sacrificing commitment to sustainability and affordability.

As a demonstration of the value plant proteins can bring to our customers, Ingredion culinologists created an alternative formulation for a cheese cracker snack. By replacing whey protein with our VITESSENCE® Pulse 1853 Pea Protein Isolate, we were able to create a snack alternative that reduced blue water usage by 6%, reduced our carbon footprint by 47% and increased consumer preference for the product by 5% at an equivalent price point. It was a win at every level. Helping our customers navigate the complexity of formulating with plant-based proteins is a step toward promoting the broad adoption of plant proteins needed to help bring food security to a growing population.