

Regeneratively Grown to Create Sustainable Innovations

farinart
unlocking nature's potential

At Farinart, we believe the answers are in nature. We are experts in unlocking the unique benefits of natural grains, cereals and pulses. We source and process ingredients from organic, conventional, and regenerative agriculture to create customized grain blends, baking mixes, and specialty flours for the baking industry.

ANSWERING CONSUMER WANTS

ESG and sustainability are now table stakes. Today's consumers want clear benefits that align with their values. According to the NielsenIQ consumer reports published in 2025:

- 45%** View responsible sourcing as a top sustainability claim
- 24%** Want brands to increase sustainable ingredients
- 31%** Trust farmers regarding sustainability



To meet rising demand for transparency, food manufacturers are increasingly asked to provide traceability and digital accountability (e.g., QR codes) allowing consumers to trace a product's journey from farm to fork in real time. These tools act as a "currency of trust," offering verified insight into a product's full lifecycle.



REGENERATIVELY GROWN GRAINS FOR HEALTHIER SOILS

Human activity has heavily reshaped agricultural landscapes, causing soil degradation, biodiversity loss, and accelerated erosion. Industrial farming practices further strain essential ecosystem functions.

To meet future food security needs and rising consumer expectations for sustainability, agricultural practices can support biodiversity, deliver more nutrition across lifespan, and protect long-term ecological health.

Regenerative agriculture offers a promising path, improving nutrient density through greater plant diversity and enhancing soil microbial richness—benefits that extends to human microbiome health.

UNDERSTANDING REGENERATIVE AGRICULTURE

Regenerative agriculture focuses on building sustainable and resilient farming systems by maintaining soil cover, minimizing disturbance, preserving living roots year-round, increasing biodiversity, integrating livestock, and reducing synthetic inputs.

6 principles of Regenerative Agriculture



Understand context of farm operation



Minimize soil disturbance



Maximize crop diversity



Keep the soil covered



Maintain living roots year-round



Integrate livestock

Because no two farms are the same, these principles are adapted to the environmental, economic, and cultural context of each operation.

Positive Impacts	Regenerative Agriculture
Soil Microbial Community	Minimized tillage, reduced use of petrochemical-derived fertilizers, herbicides, pesticides, and increased plant diversity which enhance soil microbial richness, fertility, and metabolic activity and strengthen key ecosystem functions such as litter decomposition, soil-carbon mineralization, and nutrient cycling.
Soil Organic Carbon Content	Reduced tillage, cover crops, diverse rotations, grass-based leys, managed grazing, and agroforestry all help increase soil organic carbon and strengthen climate resilience.
Soil Carbon Sequestration Capacity	Reduced tillage, cover crops, and rotational grazing boost soil carbon sequestration capability .
Nutritional Density and Bioavailability	Higher fiber content and food microbiome —driven by greater microbial diversity and nutrient cycling—supports better gut health and metabolic regulation. Higher macronutrient density and improved bioavailability of key nutrients , including magnesium, potassium, iron, zinc, and vitamin C.
Greenhouse Emission	25%–74% lower greenhouse emission (0.33–1.09 tons -eq ha ⁻¹ yr ⁻¹) compared to conventional systems, depending on whether they are manure or legume-based.

YOUR GRAIN PARTNER FOR SUSTAINABLE BAKERY INGREDIENTS.

Farinart is committed to advancing regenerative agriculture with integrity, transparency, and measurable impact.

We invest in farmer education to support the adoption of regenerative practices.

At our bakery customers' request, we can also collect and analyze key environmental and soil-health indicators to enable data-driven impact reporting and labeling that meets growing consumer expectations.

