

# Secure Business Margins Against the 2026 Super El Niño

The looming 2026 Super El Niño threatens unprecedented volatility for global agricultural supply chains. While El Niño is a familiar climate cycle of warming Pacific waters and weakening trade winds, an extreme El Niño threatens to devastate agribusiness margins, and impact the profitability of food producers, retailers and farmers.

According to the official NOAA update issued in July 2026:

**There is an 81% chance of a very strong El Niño during November-January, that would rank among the largest El Niño events in the historical record going back to 1950.**

## Structural Risks In Global Food Supply Chains

Global food security relies heavily on a highly concentrated supply chain, meaning correlated weather failures pose a systemic risk to availability and associated commodity price increases. A seemingly small drop in global supply can trigger disproportionately large price spikes, amplified by market panic, speculative trading, and government interventions.

Price hikes to cocoa hit the headlines in 2024, following El Niño-related weather conditions affecting Ghana and Ivory Coast, the world's two biggest producers of cocoa beans, with confectionary companies reporting rising costs of ingredients adding significant pressure to 2025 earnings. The potential risks of a 2026 Super El Niño are putting the global food industry on high alert.

## As Seen In

### THE OBSERVER

An El Niño 'Godzilla' is coming, and global food supplies could be in danger

### The INDEPENDENT

Super El Niño poses critical threat to 500 millions of the world's farmers, researchers warn

### Newsweek

The US Food imports most at Risk from super El Niño this summer

## El Niño 2026 Impacts Report

Because El Niño's impact varies across regions and is forecast to peak in 2026-2027, sourcing, procurement and product teams need rapid risk intelligence, delivered in weeks, not months. Forward-thinking businesses are securing their agricultural supply chains to withstand climate-driven disruptions and the rising threat of 'unthinkable' systemic shocks.

Trusted by world-leading food and beverage brands, Riisience translates systemic climate risk into actionable strategy. Our baseline analysis, El Niño

2026: Agribusiness at Risk, equips global organizations to stress-test operational resilience and deliver critical, board-ready insights.

We create a bespoke El Niño 2026 Impacts Report to model and quantify critical crop production losses and margin exposure across multiple climate severity scenarios. Empowering sustainability, risk, sourcing, supply chain and procurement teams with valuable insights, the customized technical report delivers:

## Production Risk Mapping and Loss Estimation

**The Deliverable:** We map your critical supply networks and apply the Riise platform to model localized El Niño temperature and precipitation anomalies to project direct agricultural yield losses for specific sourcing regions.

**The Value:** Pinpoints exactly where and how much physical raw material volume is actively exposed.

## Supply Chain Vulnerability Benchmarking

**The Deliverable:** We benchmark your company's modeled supply chain losses against global and regional market averages under a range of El Niño scenarios.

**The Value:** Reveals whether your sourcing footprint is over- or under-exposed relative to competitors to highlight hidden vulnerabilities.

## Econometric Price Shock Calculation

**The Deliverable:** We apply proprietary machine learning models to translate physical supply shortfalls into regional and global commodity price shock projections.

**The Value:** Quantifies upcoming market price surges to anticipate procurement cost increases before they hit.

## Financial Impact and Analysis

**The Deliverable:** We integrate projected commodity price spikes with your organization's specific production shortfalls and total purchase volumes.

**The Value:** Delivers a clear, quantified range of bottom-line margin impacts, giving CFOs the financial figures needed to manage risk.

## Strategic Mitigation and Procurement Recommendations

**The Deliverable:** Our climate advisory team translates your customized risk data into relevant mitigation recommendations.

**The Value:** Provides actionable insights to protect long-term operational resilience.

## Risk Screening for Critical Commodities



Coffee  
(Arabica) (Robusta)



Maize  
(Corn)



Potato



Rice



Soybean



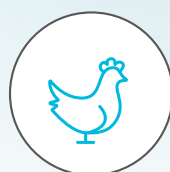
Sugar cane



Wheat



Meat



Poultry



Palm oil

Risilience models 10 key commodities under a range of El Niño scenarios to provide quantified and actionable insights. Each commodity is assessed across four key metrics:

- Change in yield
- Price volatility exposure
- Sourcing concentration
- Regional substitutability

# Get Rapid Risk Intelligence, in Weeks, Not Months

Backed by [University of Cambridge science](#), a [Risilience El Niño 2026 Impacts Report](#) delivers quantified, strategic guidance for supply continuity in a four-week consultancy sprint to align with your organization's immediate procurement and contracting cycles.

## Tried & Tested

Risilience is trusted by corporates worldwide.



"Conducting scenario analyses has provided us with a much deeper understanding of the potential exposures we may face, enhancing our strategic discussions and financial planning process."

Head of Group Risk Management, Nestlé

## About Risilience

[Risilience](#) provides finance-grade climate and nature-risk analytics to help global businesses build resilience and strategic advantage in the face of economic and geopolitical uncertainty. Our award-winning platform, **Riise**, translates complex environmental risks into financially quantified, actionable strategies, empowering organizations to secure profitability and growth.

Turn climate volatility into competitive advantage.  
[Contact Risilience](#) to request an [El Niño 2026 Impacts Report](#).