




A better marketplace for almonds







A properly designed online marketplace for Almonds will establish fair, competitive prices with reduced volatility.

Our online marketplaces have achieved the following benefits:

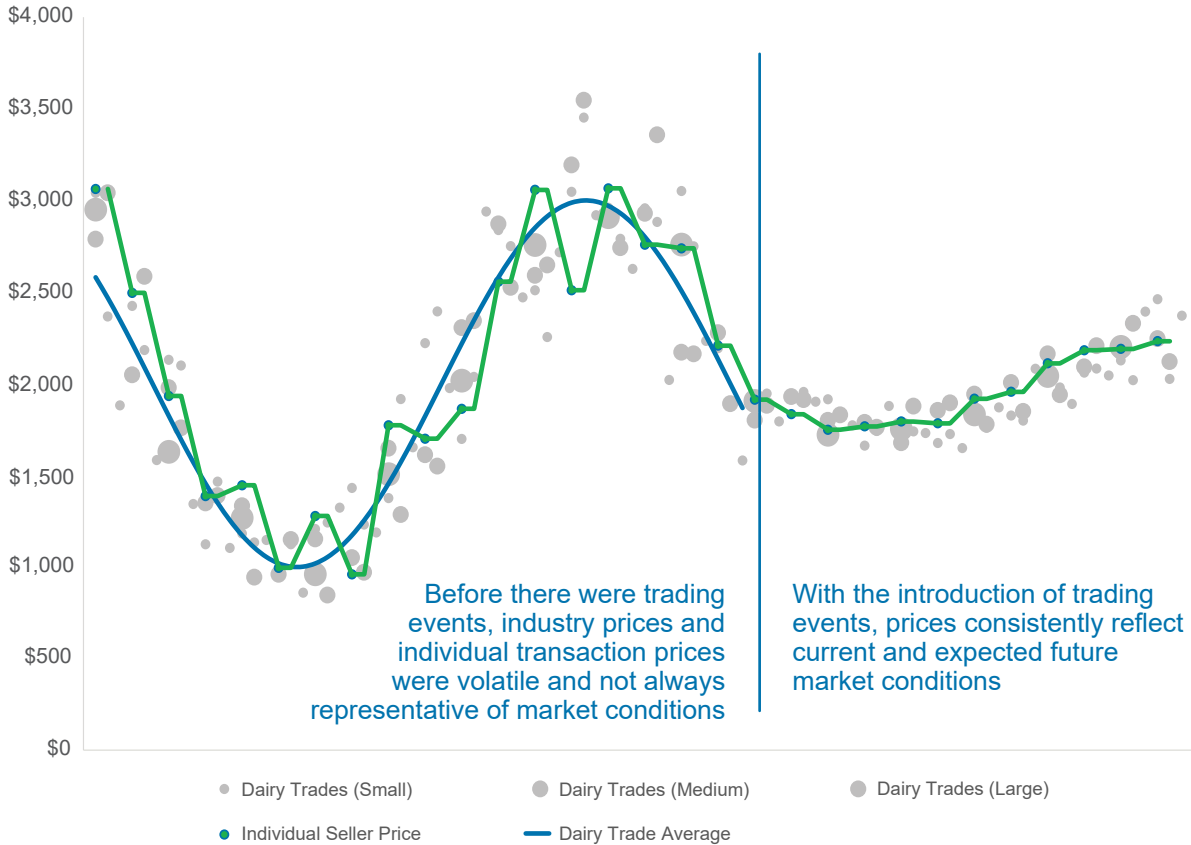
- A 25% to 50% (and more) reduction in price volatility
- A 2% to 5% (and more) improvement in pricing
- More reliable prices and credible market information
- Trust and confidence for both sellers and buyers
- Enhanced risk management capabilities
- Strengthen relationships and attract new customers
- New product offerings and buying options
- More efficient planning and lower logistics costs

Powered by Our Trading System for Efficient Markets



# Our online marketplaces discover less volatile, credible prices

Sellers and buyers trust the platform to reveal fair market value through efficient price discovery. Prices from the trading events become the benchmark and significantly reduce volatility and narrow the range of prices for transactions outside the trading events.



## Our online marketplaces reflect current and expected future market conditions

Our online marketplaces attract participants who want better, more reliable information about prices and market conditions. Our trading platforms have achieved successful outcomes in over 1,000 trading events across a range of industries.

Clearing prices are determined through a fair, transparent process, reflecting supply and demand conditions. Winning quantities are awarded to those buyers who value the product the most. In this way, price and quantity outcomes reflect market conditions, and winning bidders are those bidders willing and able to pay the market price.

Our online marketplace is ideal for Almonds because:

- There are standard categorizations on quality, grade, size
- Prices for Almonds have been subject to significant volatility
- More credible and reliable market information is needed

## Our online marketplaces provide for effective price discovery

- Prices are determined through effective price discovery as supply and demand are balanced for multiple products simultaneously
- Products are offered in different time periods simultaneously as determined by sellers, and buyers benefit from this additional flexibility in buying options
- Buyers bid on various products and delivery periods, reflecting their substitution capabilities and preferred portfolios of complementary products
- The confidence of sellers and buyers is enhanced by smoother forward price curves and reliable forward-looking market information



## Case study: Global Dairy Trading Platform

**\$35+ billion** transacted

### Challenge and Opportunity

Better price information, and price risk management was needed for dairy exporters.

### Solution

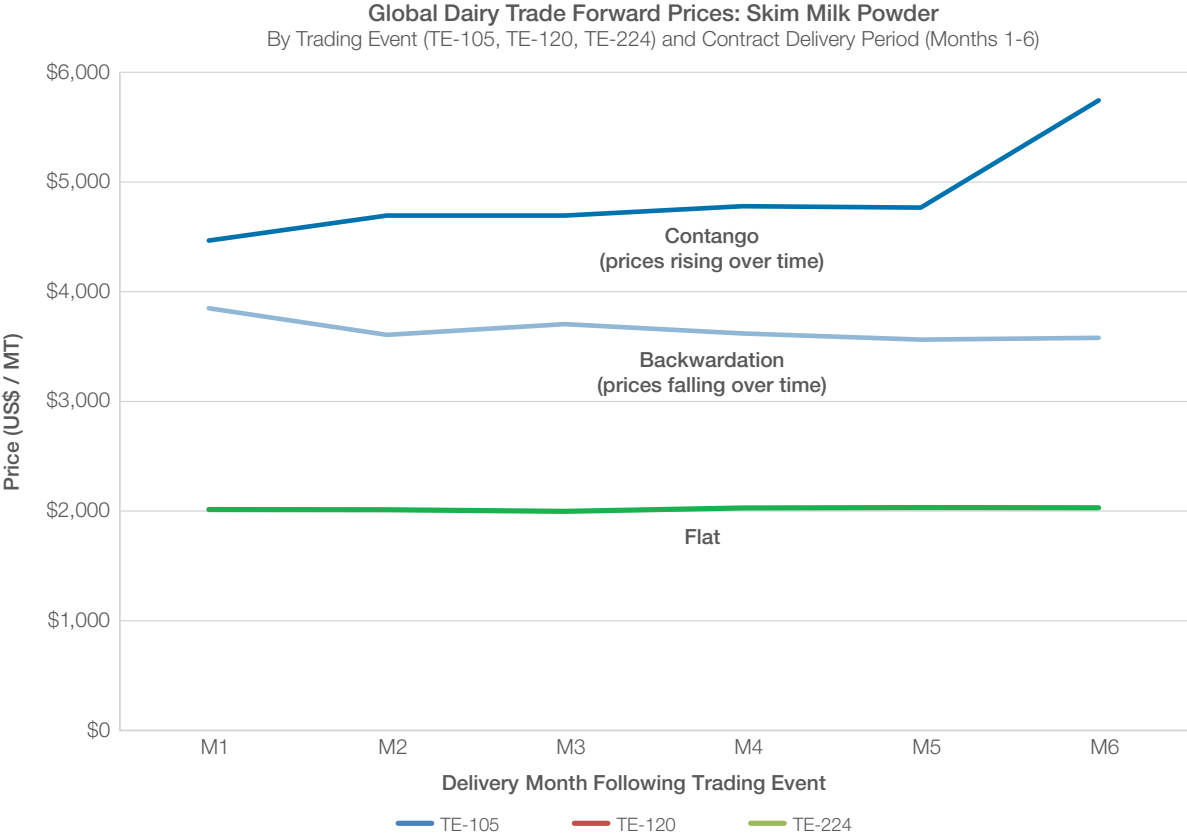
We designed and developed the online marketplace, Global Dairy Trade (GDT), and also acted as the independent Trading Manager in charge of GDT's weekly trading events through May 2025.

Since 2008, GDT has grown into a multi-seller, multi-buyer platform. Hundreds of participants from around the world have participated in GDT's trading events trading about 100 products in each event. GDT generates benchmark prices that are used throughout the international dairy industry, and futures and financial contracts are traded based on the prices and outcomes generated by the platform. Over \$35 billion of internationally traded dairy products have been sold on this growing marketplace.

# How GDT trading events discover reliable benchmark prices

The straightforward weekly trading events offer substitutable and complementary products over multiple shipment periods. Sellers and buyers trust the platform to reveal fair market value through efficient price discovery. Revealed prices from the trading events become a benchmark for other transactions.

Along with the user-friendly and proven bidding format, the simultaneous clearing across products and shipment periods reduces volatility and generates credible forward curves that reflect current and expected future market conditions.





## Case study: Natural Fibre Exchange (NFX)

### Bi-weekly trading events since 2018

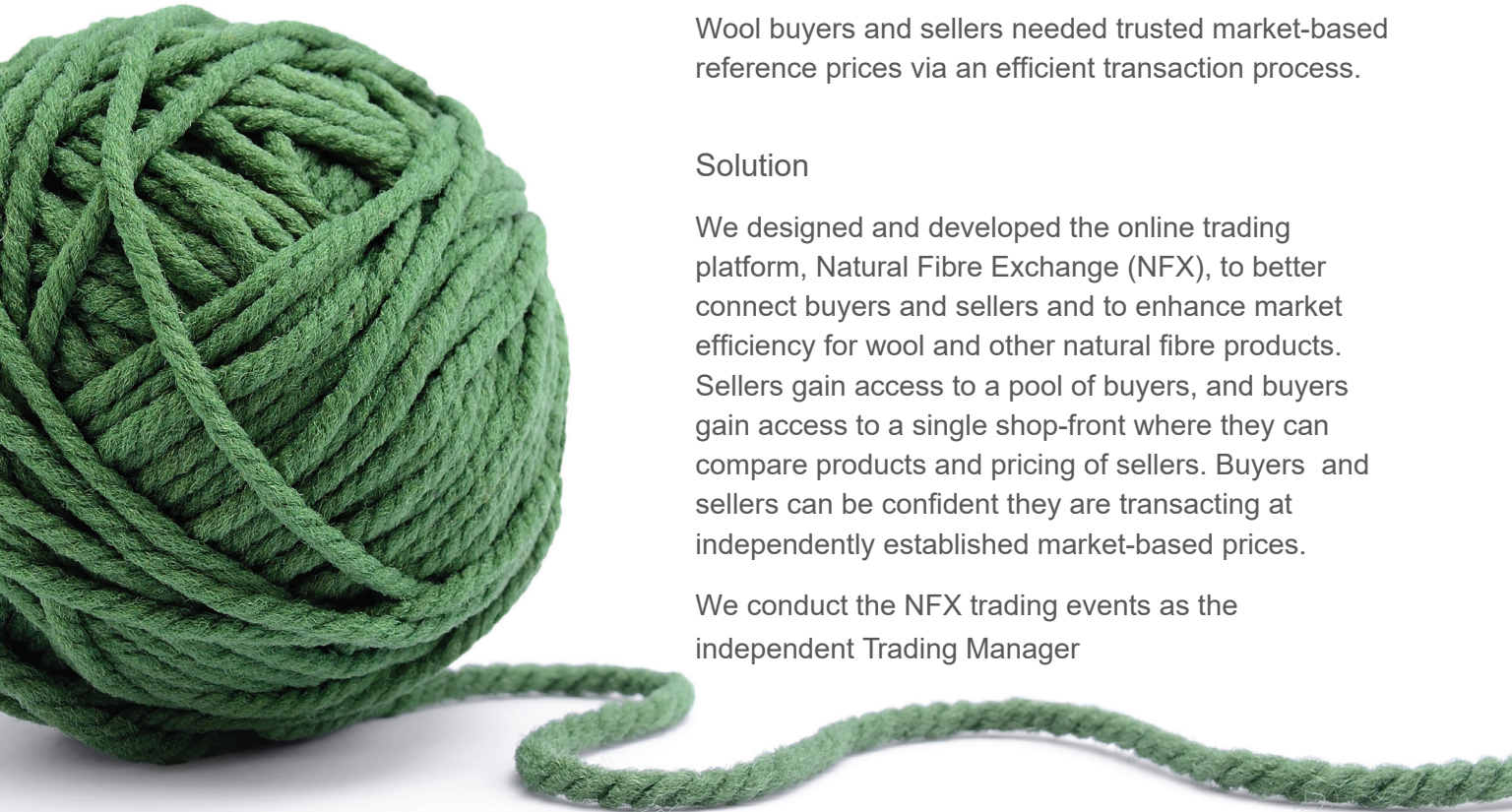
#### Challenge and Opportunity

Wool buyers and sellers needed trusted market-based reference prices via an efficient transaction process.

#### Solution

We designed and developed the online trading platform, Natural Fibre Exchange (NFX), to better connect buyers and sellers and to enhance market efficiency for wool and other natural fibre products. Sellers gain access to a pool of buyers, and buyers gain access to a single shop-front where they can compare products and pricing of sellers. Buyers and sellers can be confident they are transacting at independently established market-based prices.


We conduct the NFX trading events as the independent Trading Manager



# How NFX trading events reveal prices reflecting market conditions

All lots are open for bidding simultaneously each round, enabling buyers to switch among lots and to create preferred bundles of lots in response to changing prices.

The trading event concludes when there are no new standing high bids on any lots. Winning buyers are the bidders who submitted the highest bid prices. A bidder does not win only because they choose not to pay the market-based winning price. The process is quick and efficient.



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## Welcome to the Natural Fibre Exchange

[Find out more](#)

**Trading Event Results**    Trading Event # 143    [Click here for summary results for all trading events](#)

Results for Trading Event #143 on 13 February 2024 NZT    [Export Results to CSV](#)    [Download PDF](#)

Lot	Island	Seller	Bales	Nett kg	SD Clean % / 16% Cond. (kg)	Price Bidding Basis (Greasy / COF)	Winning Price (NZD/kg)	Brand / Type / Grade & Production Date / Works	Col Y Y-Z	VM	AIR/F	SD Clean % 16% Scoured	Barbe / Hauteur	Delivery Period / Shipping Term / Store Location
PL3M1	NI	PLL	50	8,424	7,649	COF	2.70	G3 / Jan 2024 / Whakatu	4.1	0.1	32.4	90.8		Prompt NWSS / Whakatu
639439	NI	WNZ	14	2,188	1,766	COF	2.81	H/P AE F3K	63.6 4	0.1	37.7	80.7		Prompt 11D Ex Store Masterton
640042	NI	WNZ	30	4,905	3,806	COF	2.87	HIGH VALLEY AE F3K+	64 4.1	0.1	38.5	77.6		Prompt 11D Ex Store Masterton
640555	NI	WNZ	15	2,605	1,993	COF	2.67	AVON A 2/S ROM F3M	63.5 3.7	0.1	37.9	76.5		Prompt 11D Ex Store Dannevirke

<a href="#">Events</a> <a href="#">Calendar</a>	<a href="#">Documents</a> <a href="#">Trading Event Rules</a> <a href="#">Participation Agreement</a> <a href="#">Application - Bidder</a> <a href="#">Application - Seller</a>	<a href="#">Ask NFX</a> <a href="#">Submit a Question</a> <a href="#">FAQs</a> <a href="#">Contact Us</a>	<a href="#">About NFX</a> <a href="#">NFX Overview</a> <a href="#">How NFX Works</a> <a href="#">Products &amp; Sellers</a> <a href="#">About CRA</a>	
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## Case study: Ocean Spray's Online Marketplace

**800,000 gallons**  
transacted per year

### Challenge and Opportunity

Ocean Spray needed better market-based price information as well as enhanced price and quantity risk management for their co-op members and customers. No more unreliable “coffee shop” pricing.

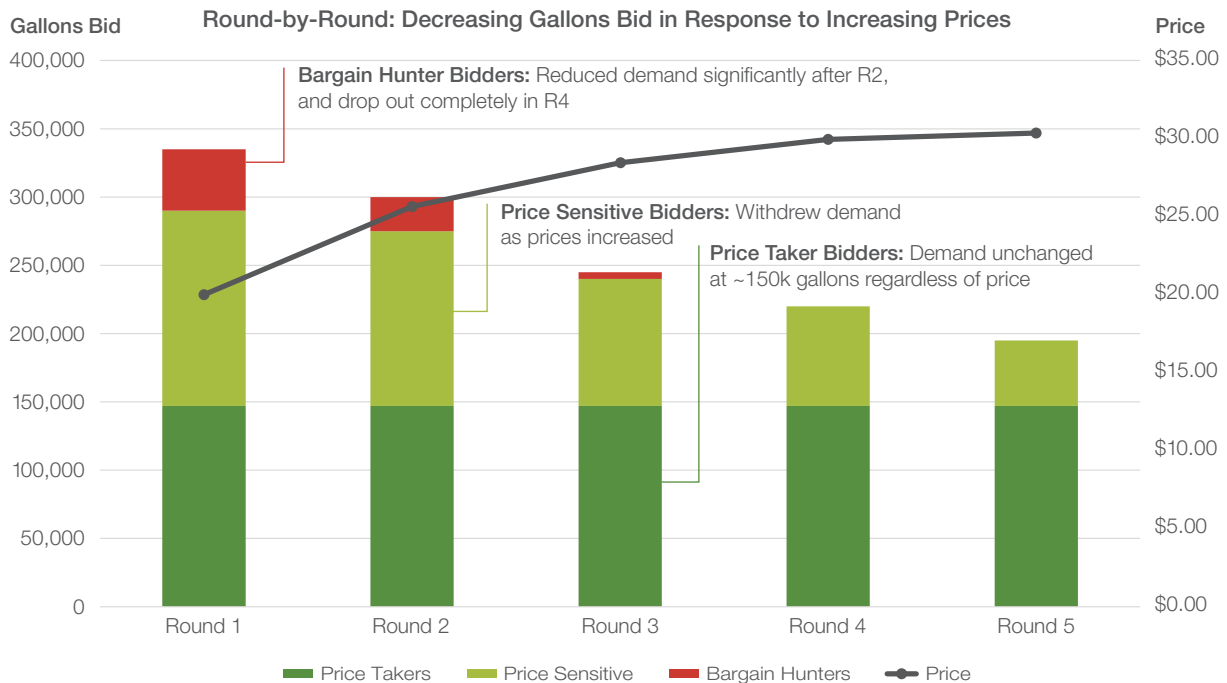
### Solution

We designed and developed an online marketplace, CranberryAuction, based on sound economic and auction theory, as well as our extensive experience in bidding mechanisms and market designs. The cranberry marketplace we designed and managed transacted about 800,000 gallons of cranberry concentrate per year.

## How trading events helped Ocean Spray strengthen customer relationships

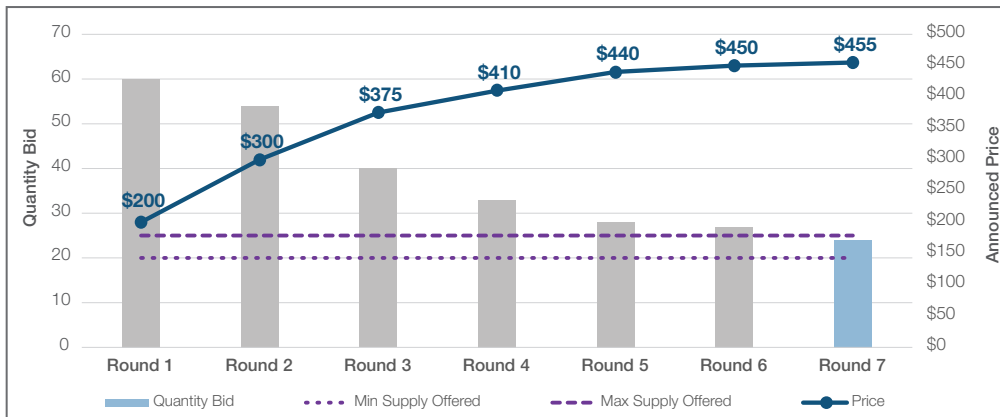
Ocean Spray's trading events allowed customers to express how much they value the product. That mechanism did not exist prior to the development of the cranberry trading platform.

In this example from an Ocean Spray trading event, different customer segments responded differently as price increased. Some were sensitive to price while others demonstrated a consistent need for Ocean Spray product regardless of the price. Selling their product to customers that need it the most and value it the highest strengthened Ocean Spray's relationships with their best customers.

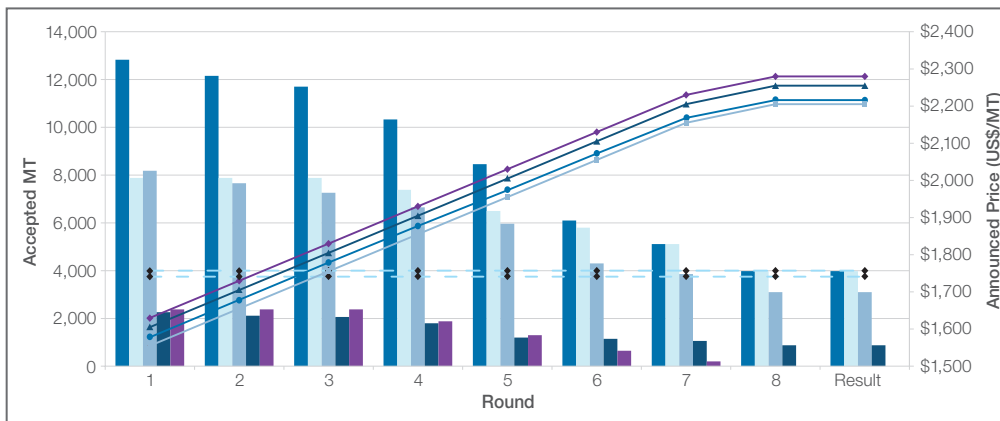


# How it works for single or multiple products or contracts

- A starting price is set for product.
- Buyers submit the quantity they are willing to buy at that price.
- After the bidding round closes, if demand exceeds the quantity offered, an algorithm determines the price increase for the next round.
- Bidding proceeds round by round until demand for the product is equal to the quantity offered.
- Only bidders that remain active until the trading event closes win product.



Single product



Multiple products simultaneously

For over 30 years, we have designed and managed online marketplaces that generate more reliable price and market information, reduce price volatility, and lower transaction costs

### Design of Bidding Mechanisms

We develop trading platforms and other market designs that are tailored to the unique needs of a marketplace.

### Managing Bidding Processes

We have implemented and managed hundreds of successful trading events with transaction values ranging from hundreds of thousands to billions of dollars.

### Market Monitoring

We provide independent analysis and monitoring of market mechanisms. We facilitate the entire process, improving the design and implementation of the market mechanism to ensure that it is conducted in accordance with the objectives and expectations.

### Bidder Support & Strategy

We provide market participants with strategic advice and other valuable support services prior to and during the bidding process.

### Software & Electronic Trading Platforms

We develop and customize software applications, systems, trading platforms, and tools used to manage trading events and to support bidders and other participants.

### Regulatory & Litigation Support

We deliver expert regulatory and litigation services in disputes and other matters involving trading platforms and other bidding mechanisms.



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