

**Collaboration for Impact:  
Partnerships between the  
Public Sector and Industry  
in Gene Editing:  
Neocrop Technologies**

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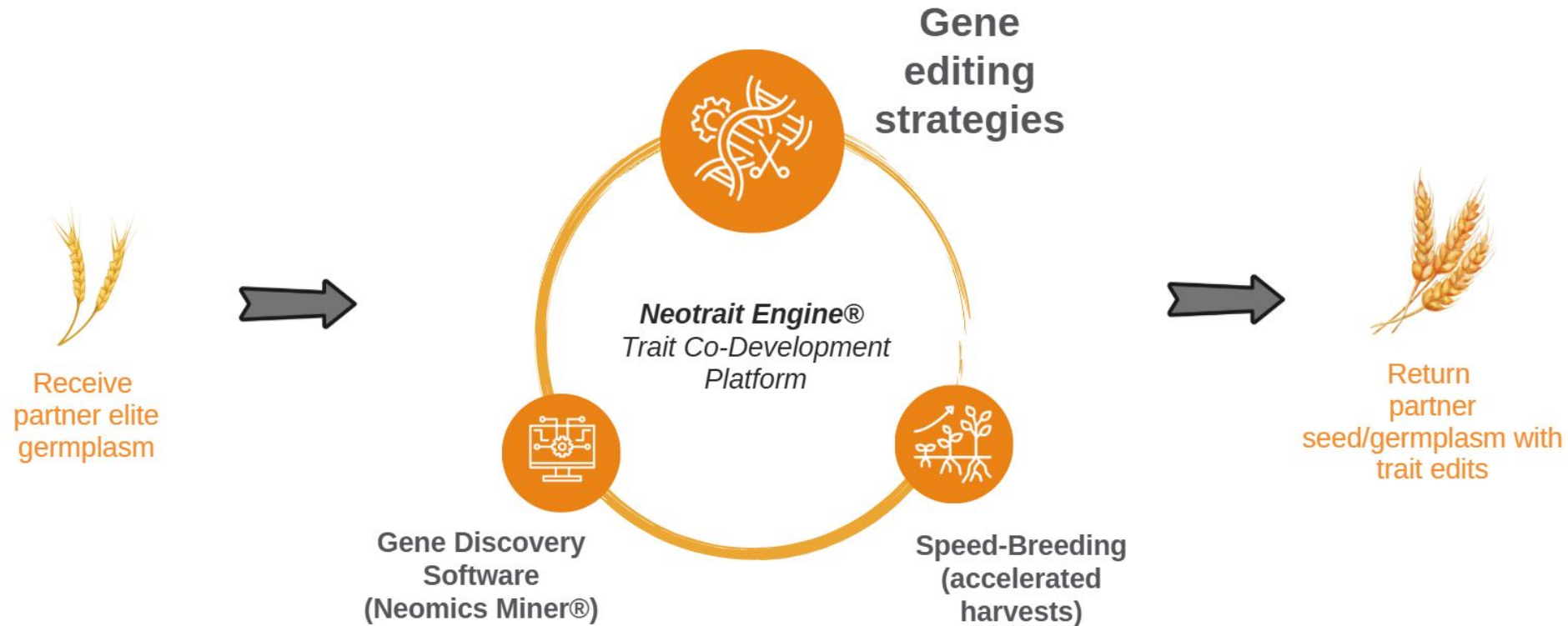
*Foz do Iguacu - October 1, 2025*



**Promoting the Seed Business  
in the Americas**



# Neotrait Engine<sup>®</sup> - 3x faster



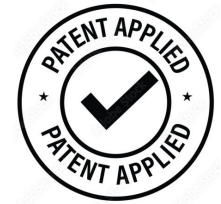
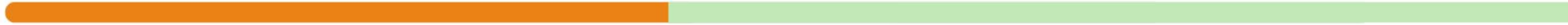
*Development period for edited gene lines: 24 months (18 months for wheat)*

# Trait Co-Development Projects

## High-Fiber Wheat (10x)

Partners: **Buck Semillas (AR), Campex Baer (CL)**  
LOI Bimbo Group / Avelup

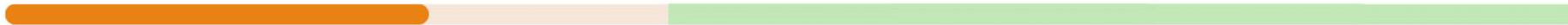
Launch: 2028



## Drought-tolerant Wheat

Partners: **Buck Semillas (AR), Campex Baer (CL)**

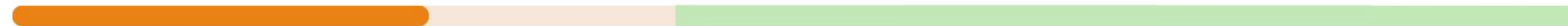
Launch: 2029



## Anthraxnose Resistant White Lupin

Partners: **Campex Baer (CL)**

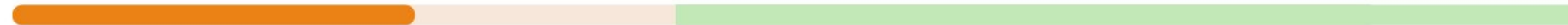
Launch: 2029



## High Beta-glucan Oats

Partners: **Campex Baer (CL)**

Launch: 2029



■ Neocrop R&D (2 yrs)

■ Partner Field Trials & Seed Multiplication (3 yrs)

# Phyto Markers<sup>®</sup>

## Molecular Biomarkers Discovery & Application



### **Aluminum tolerant wheat**

Client: Florimond Desprez (AR)



### **Rust resistant corn**

Client: Semillas Tuniche (CL)



### **Anthraxnose-resistant lupine (*L. albus*)**

Client: Campex Baer (CL)



### **Eucalyptus with greater rooting efficiency**

Client: CMPC (CL)



### **Premium quality blueberries**

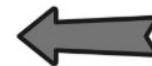
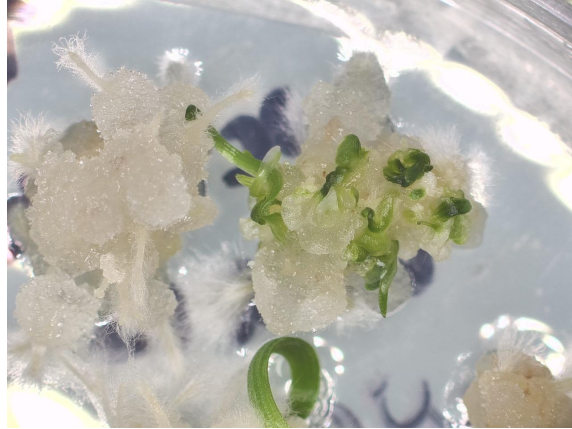
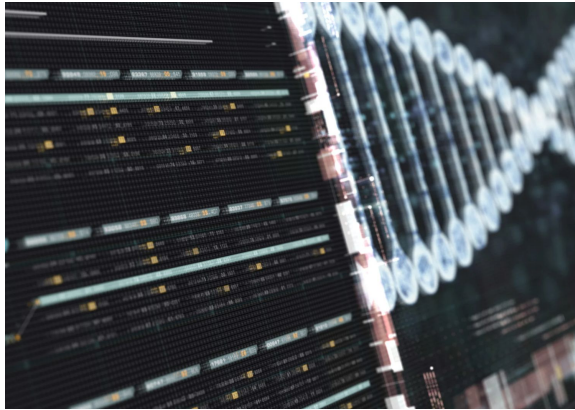
Client: Hortifrut Genetics (CL)



### **Large-scale bioinformatics analysis for seaweed-based biostimulants**

Client: Acadian Plant Health (CAN)

# High Fiber GE Wheat



## Chile Gives Green Light to the First Genetically Edited Wheat in the Americas

Seed World Staff August 8, 2025



- **Chile (July 25, 2025):** First CRISPR-edited wheat approved in the Americas; cleared for field trials & commercial validation as conventional wheat.
- Global Context: **2nd worldwide approval** after China (2024).
- **Argentina (Sept 19, 2025):** Positive CONABIA ruling; **first gene-edited wheat to pass regulatory review** in the country.
- Next targets: **Brazil, Uruguay, and North America.**



**THANK YOU!**

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