

Building Canada's Largest Field-Level Soybean Traceability Program for EUDR Compliance

The EU Deforestation Regulation (EUDR) requires verified field-level origin data for soybean production. Meeting that regulation requires a foundation of geospatial intelligence capable of identifying soybean production accurately and consistently across millions of acres.

BUSINESS CHALLENGE

To support continued soybean exports into Europe, a Canadian grain company needed a scalable way to verify field-level soybean production across a vast supply shed.

CORE HIGHLIGHTS

~185M

Acres
Analyzed
Annually

~3.5M

Soybean
Acres
Identified

3 PROVINCES

Manitoba
Ontario
Quebec

4-YEAR PROGRAM

Muti-Year
Data
Partnership

KEY OUTCOMES



Verified 3.5M
acres of soybean
production



Built a data
foundation &
repeatable program



Established
compliance-grade
datasets for EUDR

THE SOLUTION

Corvian established the field-level data foundation and scalable workflow to generate validated production records for enterprise-grade traceability.

The resulting dataset provided the grain company with a validated record for downstream compliance and future EUDR reporting.

DATA WORKFLOW



Acquires & analyzes satellite imagery across monitored regions to identify crop activity.



Identifies soybean production using proprietary crop-classification models.



Delineates standardized field boundaries into consistent geospatial records.



Generates GIS-ready production records for enterprise systems and reporting.



Validates and delivers confidence-scored datasets for traceability and compliance.

VERIFIED RESULTS

PR.	TOTAL AC	SOYBEAN
MB	~60M	~1.51M
ON	~60M	~1.14M
Quebec	~65M	~0.85M
Total	~185M	~3.5M

MORE THAN COMPLIANCE

The geospatial intelligence created for EUDR establishes a long-term data foundation that can also support sustainability reporting, supply chain transparency, risk management, and future enterprise agricultural initiatives.

ONE DATA FOUNDATION. MULTIPLE USE CASES.

Corvian's data foundation applies to various enterprise initiatives:

- Traceability & compliance
- Sustainability measurement
- Supply chain visibility
- Agricultural risk assessment