FarmersEdge™

EUDR Compliance
in North America

North America's Strategic Exposure to the EUDR

The European Union's Deforestation Regulation (EUDR) is shifting the rules of agricultural trade. For U.S. and Canadian exporters of soybeans the regulation demands more than trust and declarations—it requires verifiable, field-level sourcing data, regardless of a country's deforestation risk status.

Soy exports are currently covered under EUDR, and corn is under formal review for inclusion by 2025. While the U.S. and Canada have strong environmental reputations, EUDR applies uniformly. Every shipment of a regulated commodity must include precise polygon-level geolocation, forest integrity verification, and proof of legal land use.

For North American exporters accustomed to sourcing through elevators, co-ops, and indirect supply chains, the shift is not only technical—it's strategic. EU buyers are already prioritizing suppliers who can deliver traceable, audit-ready data. Those who can't may be redirected to lower-value markets or replaced altogether.

By the Numbers: EUDR Exposure for North American Soy & Corn

Metric	U.S.	Canada
Soy exports to EU (2024)	$2.43 billion USD	$269 million CAD (to ITA, BEL, NLD)
Corn exports to EU (2024)	$384.87 million USD	Active
Country benchmarking deadline	30-Jun-25	30-Jun-25
Enforcement dates	Dec 30, 2025 (large firms); June 30, 2026 (SMEs)	Dec 30, 2025 (large firms); June 30, 2026 (SMEs)

FarmersEdge

The Compliance Burden Now Falls to Exporters

EUDR is changing how agricultural trade functions—moving from general assurances to proof tied to precise locations. While the regulation applies to EU importers, the data responsibility is shifting upstream to exporters across the supply chain.

What's Changing — And What It Means

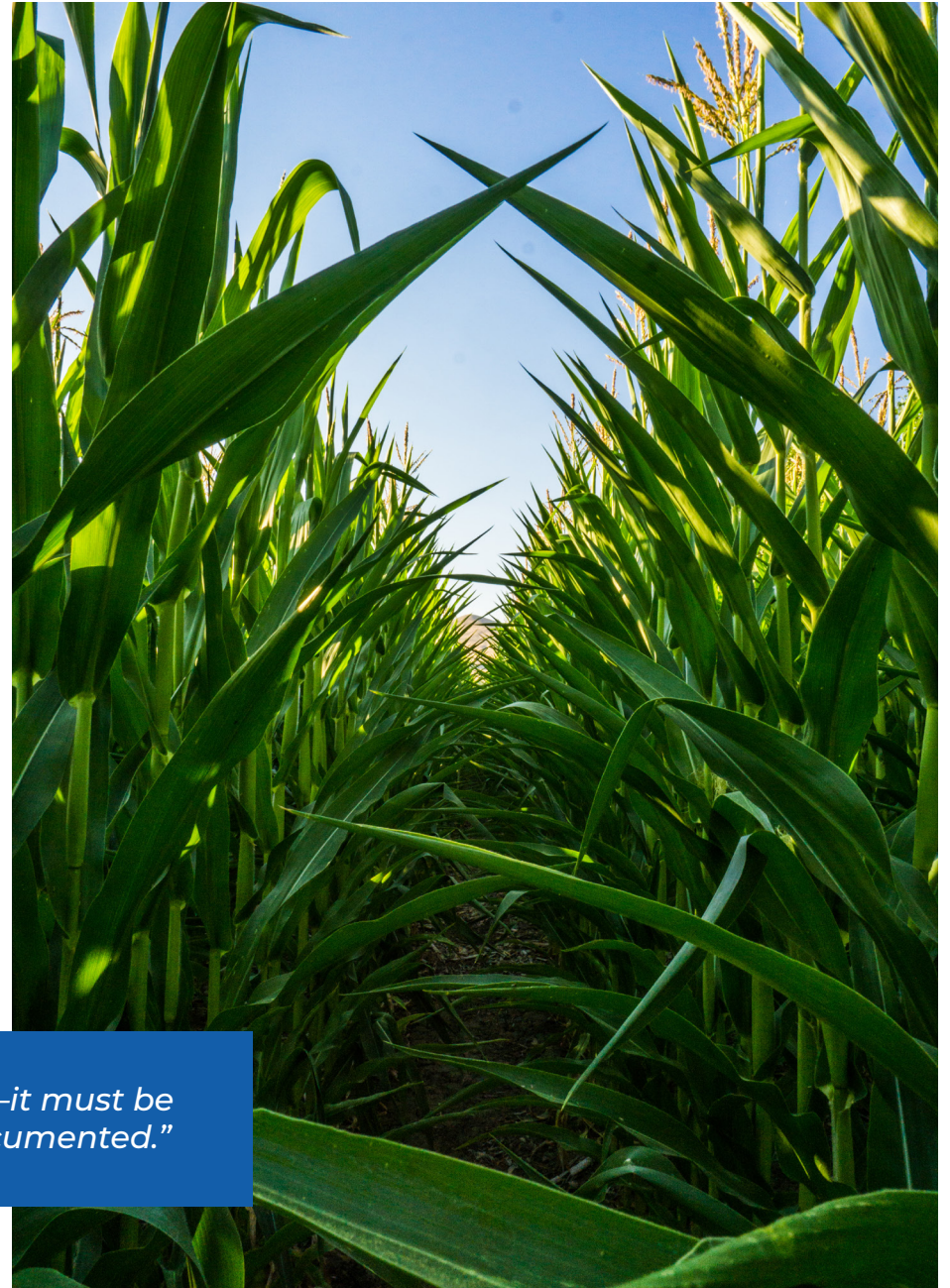| The Change	The Impact on Exporters
EUDR requires importers to submit field-level data to prove compliance	Exporters must now generate and supply polygon-based field maps, not just country-of-origin or supplier info
Deforestation-free means no forest clearing after Dec 31, 2020	Exporters must overlay sourcing fields with historical satellite imagery to verify canopy status
Legal production must be proven—not just assumed	Exporters need to document land tenure, labor compliance, and local legality, even in "low-risk" countries
EU buyers are liable for errors in due diligence	Procurement teams are demanding audit-grade sourcing data from upstream partners now

FarmersEdge™

Most traceability systems in North America weren't built for this level of geospatial precision. Even companies involved in sustainability reporting or regenerative programs often lack the mapped boundaries, forest status overlays, or legal documentation EUDR requires.

Key Implications for U.S. and Canadian Exporters:

- **Precision replaces declarations**: Geolocation must be mapped and matched to historical satellite imagery.

- **Due Diligence is documentation-first**: Traceability must include forest status and legal land use, not just supply chain invoices.

- **Readiness affects revenue**: Pre-compliant exporters will gain faster access to buyers and secure higher-margin contracts.

"Compliance is no longer declared—it must be demonstrated, geolocated, and documented."

FarmersEdge™

The North American Traceability Gap: Existing Systems vs. EUDR Demands

Part A: Common Systems in Use Today

North America has strong ag data infrastructure, but it was built for domestic stewardship and compliance—not export-focused deforestation verification. Below are the core systems in use:

System (U.S.)	Function	Relevance to EUDR
Common Land Unit (CLU) Mapping – USDA Farm Service Agency (FSA)	Digitizes farm parcel boundaries for subsidy and conservation programs	Plot-based but not linked to export data; lacks DDS-ready structure
Sustainability Assurance Protocols & Private Certification	Sustainability assurance protocols (e.g. U.S. Soy SSAP, ADM's re:source)	Focused on aggregate sustainability, not parcel-level traceability
Farm Management Information Systems (FMIS) /Proprietary Systems	Farm management tools and internal traceability from major exporters	Often siloed, lacks standardized geolocation and forest overlays

System (Canada)	Function	Relevance to EUDR
Agriculture and Agri-food Canad (AAFC) Land Use Datasets	30m-resolution historical land cover classification	No link to producers or parcel-specific legality; not export-aligned
Clean Fuel Regulation (CFR-LUB)	GPS-based land use traceability for biofuel feedstocks	Aligned in concept, but not scaled or used for soy/corn exports
Traceability Adoption Program (TAP) / EFP Programs (Provincial)	Voluntary environmental or traceability plans (e.g. BC, MB)	Limited scope, inconsistent coverage, and not tied to regulated commodities

FarmersEdge

Part B: Why These Systems Fall Short for EUDR

Despite their sophistication, these systems miss the mark in three critical areas:

- **Lack of Plot-Level Precision**:
  EUDR requires mapped field polygons per shipment. Most U.S. and Canadian systems use broader approximations or regional overlays, which aren't acceptable under the regulation.

- **Fragmented Supply Chains**:
  Aggregation and co-mingling at elevators obscure the original source. Without field-level separation and documentation, exporters cannot prove compliance—even if farms are deforestation-free.

- **Legality is Undocumented**:
  EUDR includes labor, land tenure, and environmental law compliance. No current system captures this data in a harmonized, verifiable way across federal, state, or provincial levels.
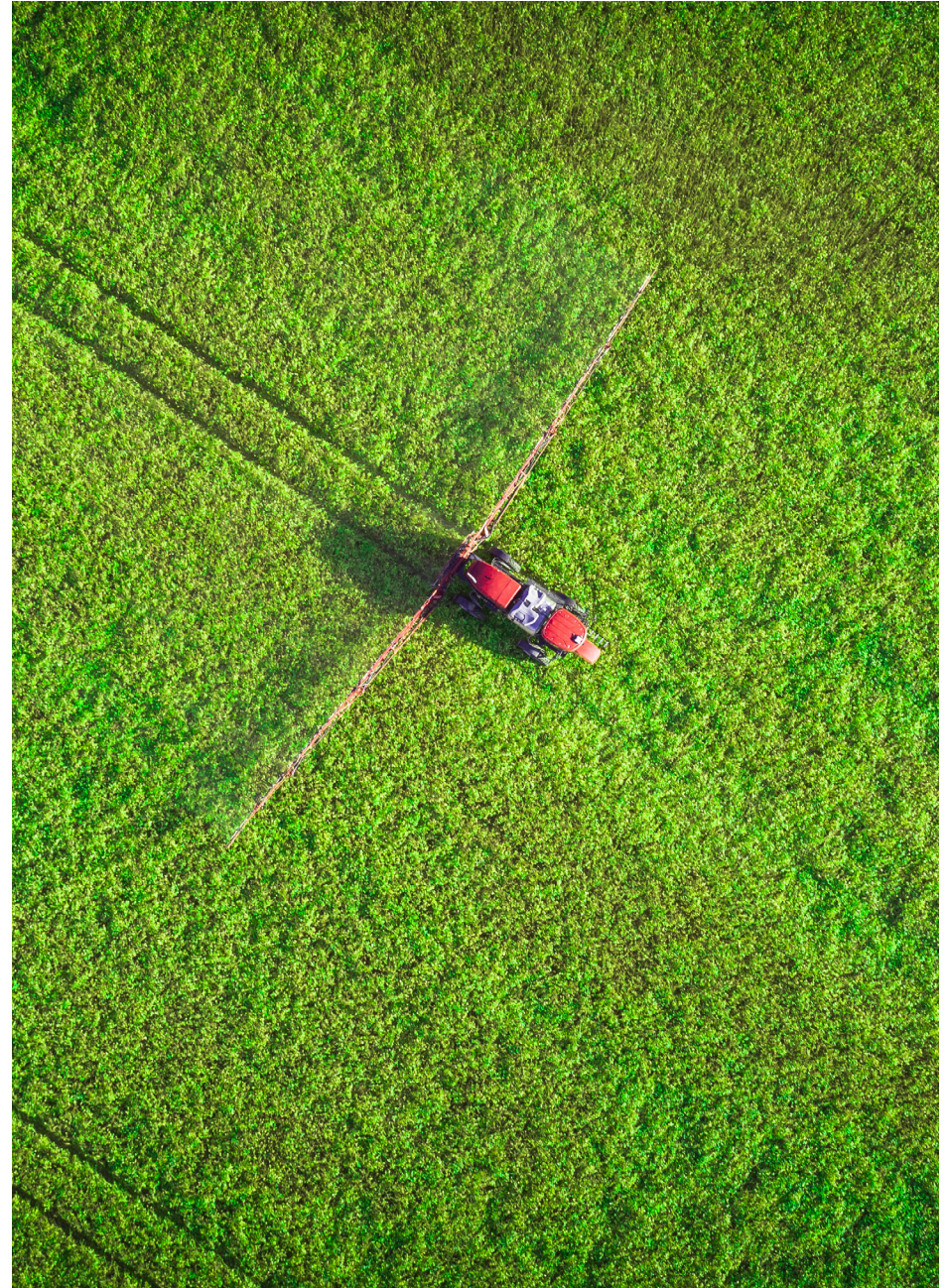
*Farmers*Edge™

EUDR Readiness Will Define Supplier Tiers

The implementation of the EUDR is reshaping procurement dynamics in real time. EU buyers are no longer making decisions based solely on price, volume, or relationships—they're ranking suppliers based on compliance readiness. Those with plot-level traceability and forest status verification are moving to the front of the line. Those without are falling behind.

The result is a bifurcation of the export market:

- **Tier 1 suppliers** are equipped with geospatial data, audit-grade documentation, and structured traceability workflows. These companies are securing forward contracts, premium pricing, and preferred access to EU markets.

- **Tier 2 and below** are stuck in reactive mode—pushed to lower-margin buyers, delayed in negotiations, or cut out entirely from EUDR-sensitive trade lanes.

This is not a theoretical divide. Some processors and traders are already shifting sourcing decisions based on digital traceability capabilities. The difference between leading and lagging suppliers is no longer just compliance—it's commercial survivability.

FarmersEdge

What's at Stake

- **Lost Contracts**: Buyers increasingly require EUDR documentation upfront—suppliers without it are losing business.

- **Margin Compression**: Products lacking traceability are being funneled into lower-value markets, with few quality premiums.

- **Strategic Isolation**: Firms without field-ready data risk being sidelined in long-term procurement strategies.

FarmersEdge™

Farmers Edge: A Proven Path to EUDR Compliance at Field Level

As the EU Deforestation Regulation (EUDR) approaches its 2025 enforcement date, exporters face mounting pressure to generate plot-level sourcing evidence—something few systems in North America currently support. Traceability now means more than origin declarations; it requires precise geolocation, verified forest status as of December 31, 2020, and documentation that can withstand audit.

Meeting EUDR standards isn't about buying a prebuilt solution—it's about partnering with the right team to deploy compliance strategies that integrate with your supply chain, data systems, and operational reality. Farmers Edge offers this partnership: combining agronomic expertise, geospatial tools, and flexible service models tailored to where your business is today.

- **Digital field border creation** using satellite detection, GPS conversion, or grower entry

- **Canopy verification overlays** benchmarked to the EU's cut-off date

- **Export-ready output** aligned with Due Diligence Statement (DDS) standard compliance. No current system captures this data in a harmonized, verifiable way across federal, state, or provincial levels.

Whether sourcing indirectly or managing grower relationships directly, companies can choose from three flexible pathways based on their data readiness and operational complexity.

FarmersEdge™

Three Customizable Partnership Models for EUDR Compliance

Engagement Model	How It Works	Data Provided by Client	Compliance Outputs	Why Partnering Works
Supply Shed Mapping	FE maps all soybean fields in a defined region using satellite imagery and crop classification.	Region boundary (shapefile or description)	Field maps + deforestation status	Fastest path to coverage without grower engagement.
GPS-Based Field Digitization	FE turns GPS points into field polygons, then overlays canopy change data.	GPS points or field centroids	Polygons + forest canopy verification	Leverages partial data to produce DDS-ready outputs.
Grower Onboarding via FarmCommand®	Growers draw/upload fields; FE validates and adds canopy overlays and optional SOC.	Grower list + basic field info	Verified field maps + optional CI/SOC	Supports long-term traceability, ESG, and carbon goals.

Each option produces verified field maps with forest status overlays—ready to submit as part of EU due diligence.

"Three flexible service models—from regional mapping to full grower onboarding—get you EUDR-ready, no matter your starting point."

FarmersEdge

Export-Ready Data Outputs: From Field Map to Market Access

Many EUDR platforms promise traceability—but few deliver integration. Generic tools don't sync with internal procurement systems or meet the technical expectations of downstream buyers. That's why we deliver EUDR outputs as a service, aligned with your enterprise stack and designed to plug into Due Diligence Statement (DDS) workflows with minimal friction.

EUDR compliance requires more than field mapping—it demands structured, verifiable data that proves deforestation-free status. Farmers Edge delivers outputs that align directly with EU Due Diligence Statement (DDS) requirements, eliminating the need for custom formatting or internal GIS resources.

Each verified field generates a standardized dataset that includes:

- **Polygon boundaries** in WGS84 format

- **Canopy status** as of January 1, 2021

- **Deforestation or degradation flags**

- **Grower, crop, and sourcing metadata**

- **DDS-compatible, time-stamped reports**

These outputs are ready to upload into DDS systems or share with procurement teams, auditors, and sustainability partners. Whether sourcing through co-ops, aggregators, or direct grower relationships, FE ensures your data is compliant, organized, and actionable.

Farmers Edge also supports:

- **Pre-formatted data** for EU submission portals

- **Optional integrations** into ESG and ERP systems

- **Hands-on support** to ensure audit readiness across all files

FarmersEdge

Carbon Market and ESG Readiness Built In

While EUDR compliance is the immediate priority, many exporters are also pursuing value through carbon markets, Scope 3 reporting, and ESG-linked procurement. Farmers Edge enables companies to align field-level traceability with these broader sustainability initiatives—without duplicating data collection efforts.

Using the same geospatial infrastructure that supports EUDR, Farmers Edge can activate additional measurement and verification layers, helping clients:

- **Support CI Scoring**
  Generate carbon intensity (CI) data for programs like RenovaBio, LCFS, CFR and 45Z using verified field-level insights.

- **Simplify ESG Data Collection**
  Leverage traceability infrastructure to report on land use, biodiversity risk, and emissions at the parcel level—supporting Scope 3 and supplier transparency targets.

- **Integrate Sustainability Data with EUDR Outputs**
  Bundle compliance and ESG data into unified dashboards or submission-ready files, reducing operational friction.

This turns EUDR traceability into a foundational capability—not just for compliance, but for accessing new markets, premiums, and long-term procurement partnerships.

> *"Turn EUDR compliance into a springboard for carbon scoring, Scope 3 visibility, and sustainability-linked premiums."*

FarmersEdge

The Farmers Edge Partnership Model

Building an EUDR compliance system in-house is slow, resource-intensive, and often incompatible with existing operational systems. Buying an off-the-shelf tool can seem faster—but these solutions are rarely built for agriculture, let alone for the complexity of North American supply chains.
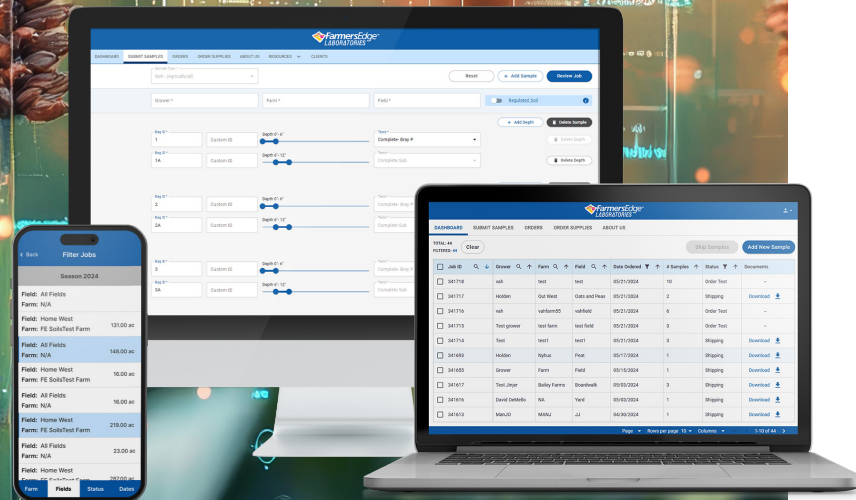
That's why Farmers Edge offers a different path: a strategic partnership.

Rather than selling a rigid platform, we embed with your team to design a compliance solution that fits your data, your sourcing model, and your internal infrastructure. Whether you need geospatial polygon mapping, satellite-based canopy verification, or managed grower onboarding, we tailor the delivery model to meet you where you are—and scale with you as regulations evolve.

The result isn't just traceability. It's operational alignment, technical integration, and EUDR readiness—delivered as a service.

Partnering with Farmers Edge: What You Get

- Fast implementation—weeks, not months

- Built-in canopy overlays and satellite validation

- DDS-ready outputs with audit assurance

- Scalable service models for any sourcing strategy

- Optional integration with FarmCommand® and LabCommand® for sustainability

*Farmers*Edge™

The tradeoff is simple:

Build slow and risk falling behind—or deploy now with a partner that's already built it for you.

FarmersEdge

FarmersEdge™

Partners@FarmersEdge.ca
FarmersEdge.ca