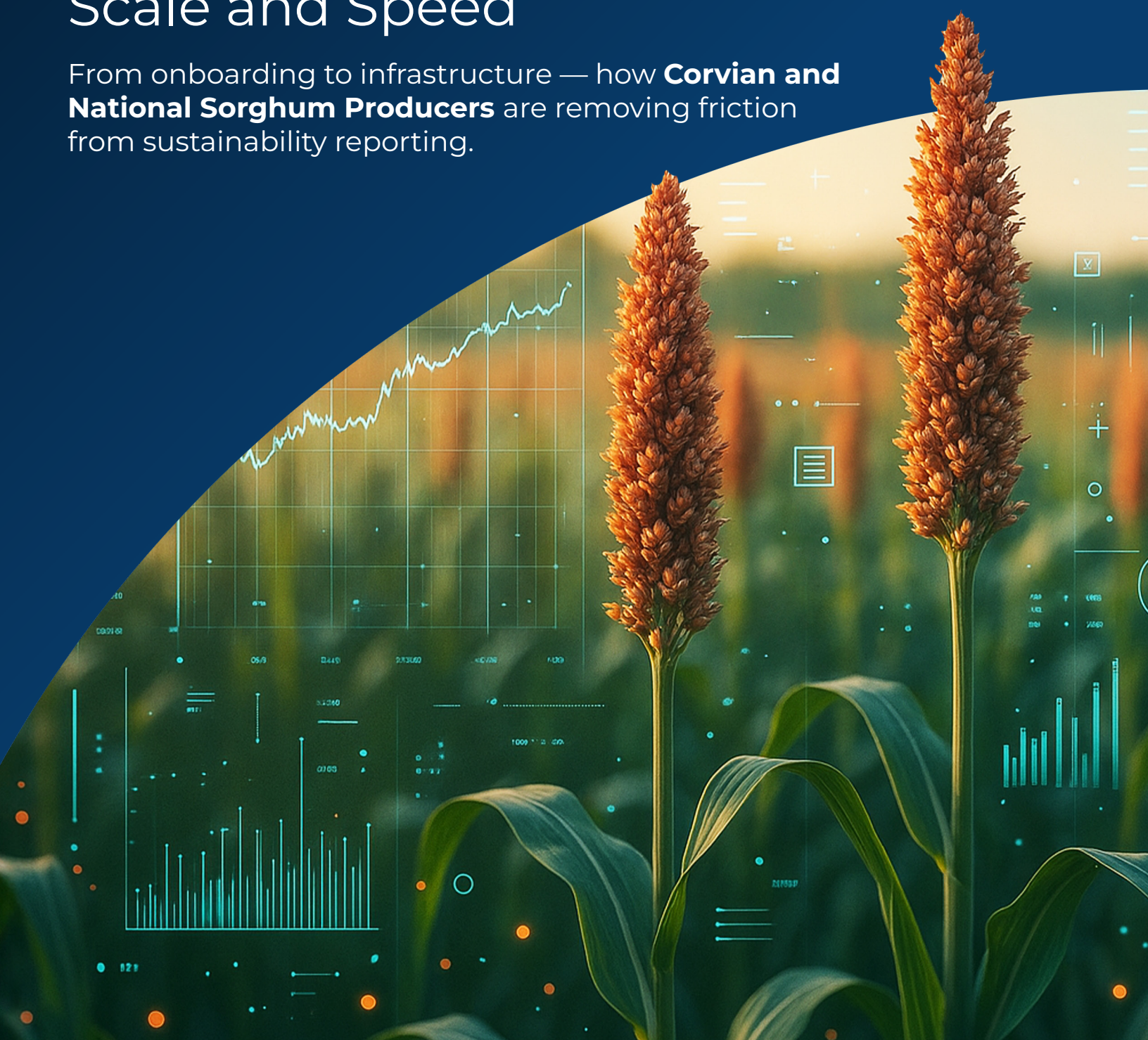




Digitizing the Backbone of CI Scoring in Sorghum Production: Inside a Partnership Built for Scale and Speed

From onboarding to infrastructure — how **Corvian and National Sorghum Producers** are removing friction from sustainability reporting.



Introduction and Project Background

Corvian and National Sorghum Producers (NSP) are working together to solve a major data challenge in agriculture: building a scalable, trusted system to capture sustainability data directly from growers and deliver it across the ethanol supply chain.

The partnership, launched in 2024, brings together NSP's deep grower relationships and industry leadership with Corvian technology infrastructure and Managed Services delivery model.



National Sorghum Producers is the national voice for U.S. sorghum growers, focused on advancing policy, market development, and innovation. Corvian is a technology enabler specializing in agronomy, sustainability data, and digital infrastructure for agriculture.

Together, the organizations are co-developing a system to streamline sustainability data collection, onboarding, and reporting—starting at the farm level and extending through to ethanol plants and retailers.



The Goal

Enable hundreds of sorghum producers to participate in emerging carbon intensity (CI) scoring and USDA programs—without the delays, disconnects, or technical barriers that often slow progress. concept to engage Canadian regulators and demonstrate the feasibility and impact of incorporating field-based CI scoring into CFR compliance efforts.



The Challenge

To meet the growing demand for CI scoring and sustainability traceability, NSP and Corvian needed to rapidly onboard a significant segment of the U.S. sorghum industry into a unified digital system—at scale and with precision.

Accuracy was critical, as access to USDA funding programs relies on high-quality, field-level data. The effort required more than deployment—it meant setting the foundation for validating diverse data sets across broad regions and helping growers turn compliance into opportunity, with minimal friction.



The Solution

Corvian implemented a Managed Services model for NSP, combining custom platform enhancements with hands-on delivery.

KEY COMPONENTS INCLUDED:



Customized CI scoring workflows inside FarmCommand®



Direct support from Corvian subject matter experts



Training sessions to equip both NSP staff and producers



Data QA and backend process management

Over **1,000 combined hours** were invested by both teams to deliver and refine the digital workflow for the program.

“This partnership is a clear example of how Managed Services can translate complex agricultural programs into scalable, high-impact solutions,” says Vibhore Arora, CEO of Corvian. “We’re focused on delivering the operational rigor and technical depth required to execute reliably and at scale.”

The Results

This initiative marked one of the first large-scale, service-based rollouts of CI scoring infrastructure in U.S. sorghum. Rather than deploy a standalone tool, NSP and Corvian built a fully supported system—designed to scale, evolve, and unlock real economic opportunity for producers. The first season set a strong foundation, proving that a Managed Services model can accelerate digital adoption in even the most complex agricultural environments.

- **Stood up a multi-state, grower-first program in under 5 months**, onboarding 400+ producers and setting a new benchmark for digital sustainability programs in row crops.
- **Finalized 2024 CI scoring datasets**, enabling NSP growers to access USDA funding and laying the groundwork for carbon markets.
- **Initiated next-phase platform enhancements**, adding new analytics, reporting tools, and integration capabilities for 2025.
- **Launched downstream data exchange pilots**, establishing the framework for field-to-fuel traceability with ethanol partners.

“Farmers push the boundaries of sustainability through innovations that make their operations more efficient and resilient every day. Our job is to help them tell their story in a verifiable manner that builds a bridge to better market opportunities,” says Matt Durler, NSP Managing Director of Farm Programs. **“With Corvian, we’ve created a system that works for farmers and helps position their farm for long-term success.”**



What it Means for Agriculture

This collaboration illustrates the power of pairing industry leadership with operational execution. Corvian and NSP are proving that sustainability doesn't have to wait for perfect conditions or endless product rollouts. With the right model, partners, and priorities, it's possible to digitize agriculture from the ground up—at speed and at scale.





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