



FarmRaise

FARM DATA PASSPORT

FOR COOPERATIVES &
AGRICULTURAL RETAILERS





Your members are already doing this work: a photo of a pest problem texted to an agronomist, a paper log walked through by an inspector, a tank mix recalled from memory at cert season. The Farm Data Passport doesn't ask farmers to do anything new. It just makes sure that work doesn't disappear the moment the conversation ends.

The Farm Data Passport is a single farmer-owned data profile that travels with a member across every cooperative and program they belong to, third-party certifications, university trials, scouting alerts, and now carbon documentation for 45Z, so farmers aren't logging into six different portals to prove what they're already doing right.

What It Is

- **One profile, every co-op.**
It's common for a Midwest farmer to belong to multiple cooperatives at once. One for spraying, one for grain marketing, one for feed. They get one dashboard instead of six logins.
- **Built on trust you've already earned.**
It works with the systems you already use, including AgVend, not around them. No new brand relationship required.
- **Boots-on-the-ground data.**
Field-level information captured by farmers or the agronomists already scouting their acres — not a satellite guess from 30,000 feet.

For Your Cooperative

- **A member benefit your board can point to.**
Documented practices and scouting alerts. A visible upgrade that isn't just another rebate.
- **Leverage for your grain desk.**
Carbon-intensity documentation that your members already generate can strengthen your hand with ethanol buyers under 45Z.
- **A stronger patronage story.**
Better-informed members and cleaner data behind every check you send at year-end.



For Your Agronomists

- **The same visit, just not lost.**
A photo and a pin drop from a field they're already standing in, not a new stop on the route.
- **More visibility, not more work.**
They become the verified source behind every alert that goes out to the county.
- **Fewer repeat calls.**
Once “have you seen tar spot” is logged, it doesn't need to be answered six more times.

3+

cooperatives one farmer
can belong to at once

40–60%

of biofuel lifecycle carbon
intensity comes from
feedstock production

\$1.75

per gallon, the 45Z credit
ceiling for sustainable
aviation fuel

Next: what Section 45Z means for your grain desk, and how the Farm Data Passport fits next to the tools you already run.

45Z & the Farm Data Passport

Section 45Z is a federal tax credit paid to fuel producers, up to \$1/gallon for ethanol and \$1.75/gallon for sustainable aviation fuel, based on how low-carbon their fuel is. Producers earn a bigger credit when they can prove the corn, soybeans, or sorghum they bought came from fields using lower-carbon practices: no-till, cover crops, nitrification inhibitors, split or spring-only fertilizer timing. That opens the door for a premium to flow back to farmers and cooperatives. But only if the practice data is documented and third-party verifiable.

How the data becomes a premium:

- 1. Log practices in the field.**
A farmer or agronomist records them as they happen.
- 2. Compile the data.**
It runs through USDA's FD-CIC calculator.
- 3. Produce a verifiable report.**
The calculator generates a Biofuel Feedstock Report.
- 4. Negotiate the premium.**
Your co-op uses that report with ethanol buyers.

Why now: USDA's Feedstock Carbon Intensity Calculator (FD-CIC) is finalized, and the practices it will reward- no-till, cover crops, split fertilizer timing — are worth documenting today. Farmers who wait start from zero.

Not a Replacement, the Layer on Top

	AgVend	Farm Data Passport
Core job	Retailer-branded commerce: invoicing, ordering, financing, agronomy plans	Farmer-owned data & compliance layer across every co-op and program
Data scope	Orders, invoices, agronomy plans, financing	Third party certifications, university trials, scouting alerts, 45Z practice data
Co-op fit	Already embedded at many co-ops — keep it	Complements existing systems; no rip-and-replace

Common Questions

"Isn't this just another app for farmers to learn?"

It's built to capture what's already happening- scouting visits, co-op counter conversations- not add a new task. Low-friction voice/photo capture, and agronomists can log on a farmer's behalf.

"Why would a farmer share data with their co-op?"

Farmers control what they share and don't lose ownership of it. Two ways it can pay off: stronger patronage value from a better-informed co-op, and a possible 45Z premium for documenting practices now.

"Will 45Z even impact our cooperative?"

Likely yes – many ethanol plants are farmer-owned cooperatives or close partners of grain co-ops, so 45Z sits right inside the grain marketing relationships you already have. Documenting carbon-intensity data now gives your grain desk something concrete to bring to ethanol buyers, a possible premium you can pass back to members. And since USDA's calculator isn't finalized yet, documenting today doesn't lock you into anything; it just means you're not starting from zero whenever the rule does land.

Let's chat! Reach out to FarmRaise to talk us through how your cooperative can add member value through data collection.

www.farmraise.com