

Sustainability at BAU Farm Intelligence

Measured in the field — not on a poster.

BAU Farm Intelligence helps specialty crop farms across the Southeast become more resilient, more profitable, and easier for the next generation to take on. Sustainability isn't a side program — it's the outcome our software is built to produce.

Four pillars

Soil & carbon. Cover crops, reduced tillage, perennials, and biochar tracked per field using USDA COMET-Planner coefficients. Farms that build soil organic carbon unlock carbon-credit revenue on top of yield.

Water & inputs. Nutrient plans sized to soil-test results, IPM-driven pest watch, and irrigation records that cut synthetic N, fungicide passes, and pumped water — without cutting yield.

Farmer community. Built with and for veteran, beginning, and family-scale specialty crop growers. Free tier stays free. Pilot cohort keeps founding pricing for life.

Supply-chain transparency. Wholesale and institutional buyers get clean, defensible data for Scope-3 disclosures — the same field-level records the farmer uses to run the operation.

How we back it up

- Published coefficients: EPA GHG Emission Factors Hub (2024), IPCC 2019 Refinement Vol. 4 Ch. 11, USDA COMET-Planner v3.1, NRCS Conservation Practice Standards 327/340/345/590/612.
- Field-level records — practices, inputs, and outcomes logged per field per season. No aggregated averages standing in for real activity.
- Farmer-owned data. Growers choose what to share with buyers, lenders, or carbon programs. Data is never sold.

What we don't claim

- We are not a certification body. Registered carbon and organic programs require third-party verification — we prepare the records they'll ask for.
- We don't publish farm-level data without explicit consent.
- We don't sell offsets or take a cut of credit sales. Farmers keep the relationship with their carbon buyer.

Get started

Free carbon calculator: baufarmintelligence.com/carbon/calculator

Sustainability overview: baufarmintelligence.com/sustainability

Farmer pilot: baufarmintelligence.com/farmers/pilot

Buyer pilot: baufarmintelligence.com/buyers/pilot