



# What Makes Ever.Ag's Cheese Yield Optimization Platform Genuinely Different?



Ever.Ag is the first and only technology provider helping cheese processors make daily updates to recipes and real-time adjustments—while the cheese is still being made—that improve consistency, boost yields, and cut waste.

Unlike systems that only provide after-the-fact insights, Ever.Ag's Cheese Yield Optimization solution uses live data from production vats to guide precise decisions in under a minute. It's already delivering measurable results in large-scale U.S. plants—not just sitting in a pilot program or hidden inside back-office software.

**Here's how our Cheese Yield Optimization platform stacks up against competitive approaches on six key dimensions.**

	Ever.Ag Approach	AI /Typical ERP Approach	Why It Matters
<b>Cost of Entry</b>	Ever.Ag works with your existing software and hardware systems to make the cost of entry lower as there is no need to replace existing ERP or replace expensive hardware. Time to value is typically six months.	Replace existing hardware or ERP systems, normally greater than 1 year to implement, to start gaining insights.	Time to value. You and Ever.Ag are solving problems, avoiding hardware downtime and/or expensive system replacements leading to faster process improvements.
<b>Data depth &amp; ingestion</b>	Pulls full make-sheet process signals (vat ID, start/stop times, pH, temp, moisture, protein/fat, drain times, press curves, cutter settings, etc.) straight from the MES/PLC layer every few seconds.	Relies on manual or semi-manual entries into an ERP "production entry" screen; usually a subset of lab values (e.g., protein trend) and basic batch metadata.	Richer, higher-frequency data supplies the Machine Learning model with the levers that actually move yield, not just lagging indicators.
<b>Real-time closed loop</b>	Streams the cleansed data to the cloud model, returns guidance mid-batch (<60 second latency) so operators can adjust recipes, drain times, starter culture, coagulation temp, etc.	Descriptive dashboards or daily/weekly trends; no automated feedback loop back to the floor.	Operators act while the curd is still in the vat, converting insight into immediate pounds-per-batch gains instead of post-mortem analysis.

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<b>Prescriptive ML</b>	Trains on historical runs to surface actionable set-point deltas (“raise cook temp 0.7 °C now”, “press 2 min longer”). Model continuously as milk solids shift seasonally.	At best, surface correlations (“higher protein yield”) —operators must decide the next move.	Moves from “interesting charts” to quantifiable pounds saved; less tribal knowledge required.
<b>Proven at scale</b>	Deployed on multiple U.S. plants (cow’s-milk cheddar, mozzarella, Colby Jack) with >100 M lbs annual throughput; integrations completed in 8–12 weeks, >1 pp yield lift documented.	No proven U.S. installs.	Demonstrates robustness across varieties, volumes, and U.S. regulatory/IT landscapes.
<b>Architecture</b>	100% sits beside any MES/PLC and pushes results to existing ERP/LIMS. Edge container keeps running if connectivity drops.	ERP-centric; AI service tied to their full ERP stack.	Faster rollout, no rip-and-replace, less IT and hardware replacement risk.
<b>Operator UX</b>	Tablet/line-side display with color-coded “traffic light” prompts and yield delta (\$/hr), so crews see payoff instantly.	Traditional ERP forms/screens hidden behind menus.	Engagement drives adoption; yield gains persist past demo day.
<b>What’s the take away?</b>	First proven, real-time, closed-loop AI platform for cheese yield optimization in U.S. commercial plants—fully software based and line integrated.	Competitors market AI, but evidence shows descriptive analytics at a single pilot site; no closed-loop control.	Backed by production results, not brochureware.