

19.6% of U.S. Animal Feed Plants in Top 3 States — ALEX Intelligence 2026

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California, Texas, Pennsylvania dominate national output — ALEX Intelligence 2026

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THE DATA

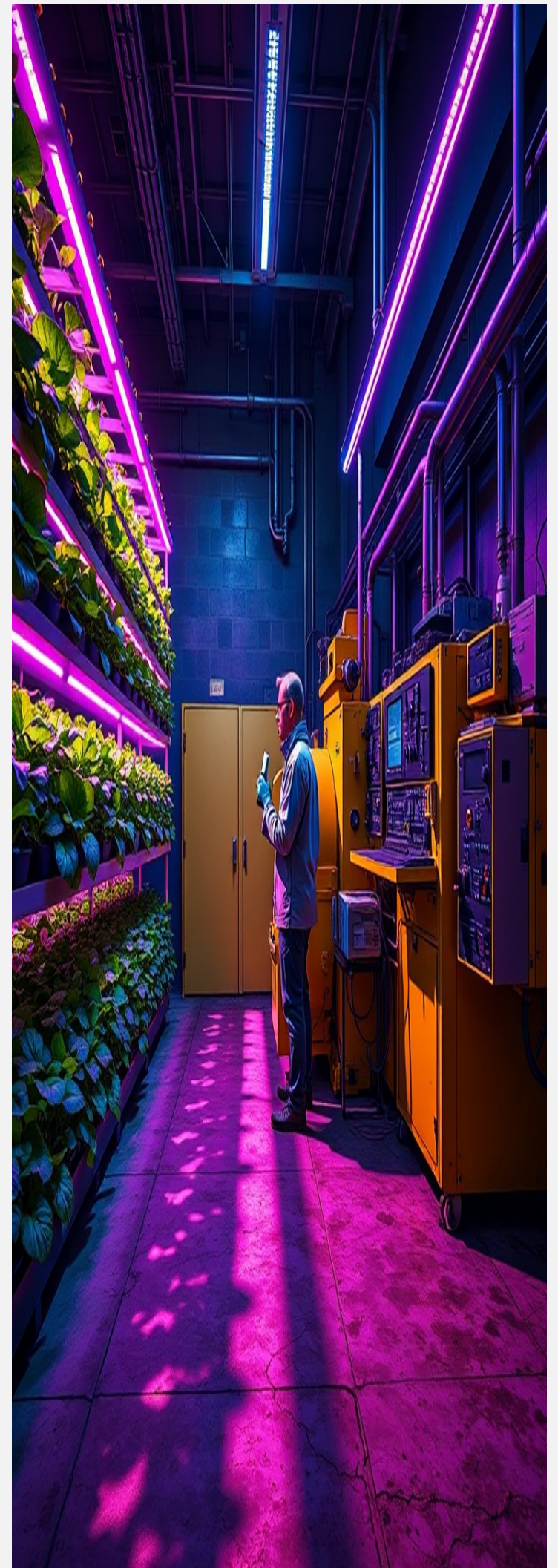
19.6%

Share of America's Animal Feed Plants in Its Top Three States (2022)

This concentration highlights a critical vulnerability in the national food supply chain.

The fact that nearly one-fifth of all U.S. animal feed plants are located in just three states — California, Texas, and Pennsylvania — creates a systemic risk. A single disruption in any of these regions due to climate events, logistics failures, or policy shifts could ripple through the entire livestock sector. This level of geographic concentration is not accidental but reflects deep historical investment patterns and infrastructure consolidation.

Source: U.S. Census Bureau, County Business Patterns 2022, NAICS 3111 (Animal food manufacturing) • ALEX Intelligence computation
<https://alex-companies.com/data/2026-09-18-agtech-conc-3111-state>



01

AI Resilience Starts in the Supply Chain

The concentration of feed manufacturing in a few states demands AI-driven supply chain resilience. Real-time predictive modeling, powered by machine learning, can anticipate disruptions by analyzing weather patterns, transportation bottlenecks, and energy grid stability. This is not a theoretical need — it's a strategic imperative. Institutions like the University of Illinois and Purdue are already building AI systems that integrate real-time data from multiple domains to simulate and mitigate such risks before they occur.



02

Land-Grant Hubs Are the AI Frontline

The same land-grant universities that historically advanced American agriculture — like Illinois, Purdue, and Colorado — are now leading AI integration in ag supply chains. Their role has evolved from research centers to operational nerve centers for national resilience. These institutions are not just developing AI tools; they are embedding them into the fabric of food production through partnerships with USDA labs and federal agencies. Their cross-disciplinary models, combining AI, agronomy, and logistics, represent the new standard for future-ready agtech.

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