

Roundtable Decision Brief

Session: AI Knight Assembly - Regenerative Farming Expansion

Date: September 19, 2025

Stakeholders: CEO, COO, VP Growth, Risk & Compliance

Executive Summary

Roundtable Knights reached a converged recommendation to pursue a staged rollout of regenerative farming pilots across the top 15 percent of arable acres. The program is backed by quantified unit economics, a conservatively modeled CO2 offset trajectory, and a phased partner strategy to derisk logistics.

Key Recommendations

1. Authorize a 90-day pilot targeting four regional co-ops with the highest margin upside.
2. Stand up a governance cockpit with KPIs covering cost per acre, yield lift, and carbon credits.
3. Retain adaptive pricing levers to maintain twenty-two percent contribution margin across pilot regions.

Major Challenges Raised

Risk counsel flagged compliance gaps on cross-border seed shipments. Financial Knight modeled a worst-case scenario showing margin compression if drought indexes spike by more than eight percent. Supply Knight highlighted vendor fragmentation risk across Midwest distributors.

Evidence Cited

- USDA Climate-Smart Commodities Program (2025)
- CarbonPulse Offsets Benchmark Q2 (2025)
- Internal SKU Margin Analysis (FY24)

Next Actions

COO to finalize vendor shortlist within ten business days. Finance to refresh net present value model with pilot telemetry. Risk to ratify cross-border compliance checklist prior to contract execution.