

Comprehensive Financial Report: Integrated Beef Value Chain

Project: Nyamandlovu Feedlot Pilot (Year 1 Launch)

Date: February 2026

1. Executive Capitalization Summary

To initiate the Nyamandlovu hub and fund the first operational cycle, the total capital requirement is **\$44,000**.

Initial Investment Breakdown

	Category	Component	Specification	Amount USD)
1	CAPEX	Fixed Infrastructure	Borehole, Pens, Milling, Scales, Tech	\$23,000
2	OPEX	Stock Acquisition	50 Lean Cattle (280kg avg) @ \$170	\$8,500
3	OPEX	Inputs	Feed program (\$190/h) & Meds (\$20/h)	\$10,500
4	Buffer	Working Capital	Emergency Reserve	\$2,000
	TOTAL	Start-up Funding		\$44,000

2. Infrastructure & Asset Detail (CAPEX)

One-time costs to establish the Hub's technological and operational foundation.

- **Water (\$7,500):** Solar-powered borehole & 10kL storage system.
- **Pens (\$6,000):** 5 modular pens designed for 10 beasts each.
- **Processing (\$5,500):** Industrial feed grinder/mixer and digital scales.
- **Security/Tech (\$4,000):** RFID readers, Geofencing tags, and solar site lighting.

3. Operational Performance & Unit Economics

The model converts lean cattle into **Super Grade** (450kg+) beef over a 90-day intensive cycle.

Per Cycle Analysis (50 Head)

- **Gross Revenue:** \$32,500 (Sold at ~\$650/head market avg).
- **Total Cycle Cost:** \$19,000 (Stock + Feed + Medicine).
- **Labour & Logistics:** \$1,500 (2 Handlers + transport).
- **Operating Profit:** \$12,000.

- **Net Margin: 36.9%** (ROI of 32% when factoring total cycle cash outlay).

4. 12-Month Cumulative Cash Flow

This projection demonstrates the path to liquidity and breakeven by Month 10.

	Month	Phase	Outflow (Cash Out)	Inflow (Cash In)	Net Position
1	M1	Construction	(\$23,000)	-	(\$23,000)
2	M2-3	Cycle 1 Intake	(\$12,000)	-	(\$35,000)
3	M4	Cycle 1 Sale	(\$12,000)	\$32,500	(\$14,500)
4	M7	Cycle 2 Sale	(\$12,000)	\$32,500	\$6,000
5	M10	Cycle 3 Sale	(\$500)	\$32,500	\$38,000
6	M12	Year End	(Reinvest)	-	\$15,500 Net Profit

5. Strategic Growth & Scaling (2026–2031)

Post-Year 1, the strategy shifts toward vertical integration and nationwide expansion.

	Year	Capacity	Hubs	Strategy
1	Y1	50	1	Proof of Concept / Live Wholesale
2	Y2	150	1	Retail Integration (Butchery Sales +15% margin)
3	Y3	600	3	Regional Expansion (Gwanda & Gweru)
4	Y4	1,500	6	Value-Add (Biltong & Leather)
5	Y5	5,000+	10+	National Supply & Export Focus

6. Risk Management & Sensitivity

- **Optimistic (15% Feed Cost Reduction):** ROI increases to ~41% via on-site milling.
- **Pessimistic (5% Mortality / 10% Price Drop):** ROI remains viable at ~22%.

7. Shareholder Equity Summary

To meet the \$44,000 requirement:

- **Contribution: \$2,933.33** per member (for 15 members).
- **Expected Payback:** 14–16 Months.
- **Projected 3-Year IRR:** 45%.