Creating Consistent Systems Business



Joe Horner

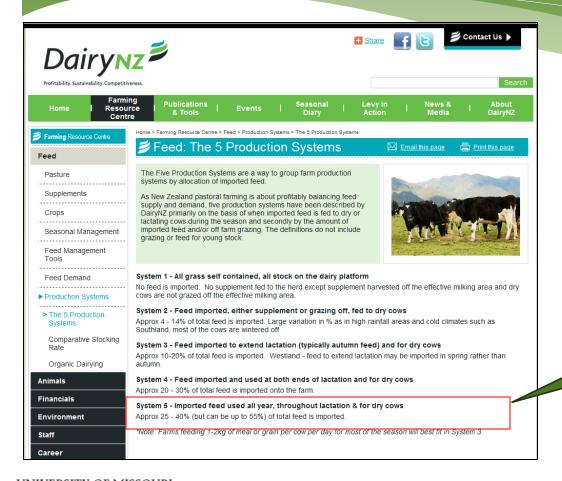
Dairy Economist

MU Commercial Agriculture Program





What Systems Do We See?



System 5: Imported feed used all year, throughout lactation & for dry cows

Approximately 25 - 40% (but can be up to 55%) of total feed is imported.



Changes in Systems Since 1999

* Cows

- * Proven grazing replacements readily available
- * Fertile and hardy

* Pasture

- * Grazing wedge management tool
- * Research and experience with many combinations
- Examples of tailored systems that are working

* Business

- Examples of success and failure create confidence in robust systems
- * Comparing against other graziers, not confinement systems
- * Risk management as important as theoretical profitability in long run





First Check – Asset Turnover

Formula: Gross Revenue

Total Assets

Example: \$2,500

(Per cow basis) \$6,000

Asset Turnover = 0.42

Rules of Thumb

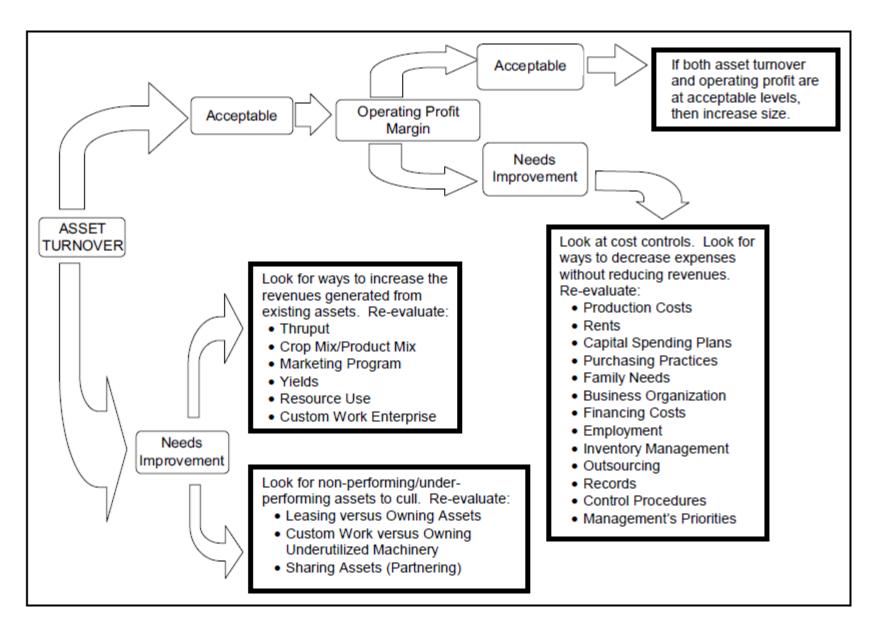
Higher is Better!

> 0.40 Preferred (2.5 years to turnover)

< 0.30 Concern (3.0 years to turnover)







Source: Key Financial Performance Measures for Farm General Managers, Purdue Extension ID-243

Second Check – Breakeven

Fixed Costs	Family living (including income taxes) + Depreciation + Interest Expenses = Fixed Costs	\$45,000 \$35,000 <u>\$24,000</u> \$104,000
Breakeven Formula (Production per cow basis)	Fixed Costs / Cow Numbers (Selling Price,\$/cwt.) — (Variable Costs, \$/cwt.)	\$ <u>104,000/200</u> \$19.60 - \$14.35
Example (per cow for 200 cow farm)	The milk production per cow necessary for this system to breakeven	99.05 cwt. or 9,905 lbs. milk/cow







Create Consistent Systems

Consistent systems make the dairy business work too



