

HEALTH.
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PLS BALANCED DIET VS. CONVENTIONAL DIET SIDE-BY-SIDE TRIAL

Beef/Dairy cross steers were purchased as a group of four loads that all arrived on the same day and from the same source. Upon arrival, they were split into two pens, each pen containing 185 head. Once split, one pen was assigned a diet formulated using conventional methods, while the other pen was fed a diet using PLS formulations that were balanced for amino acids and effective energy.

		Conventional	PLS
WHERE: NORTHWEST IOWA	Starting Weight, lbs	627	616
	Ending Weight, lbs	1505	1489
WHEN: DEC 2024 - SEPT 2025	Total Weight Gain, lbs	878	873
	Days On Feed	268	261
FACILITY: BED PACK & SLAT BARN	Avg Daily Gain, lbs	3.27	3.34
	DM Feed to Gain, lbs	6.74	6.38
CATTLE TYPE: BEEF X DAIRY STEERS	Feed Cost of Gain	\$0.78	\$0.75

The PLS balanced diet
delivered:

- Reduction of feed cost of gain by \$0.03/lb.
- Improvement in DM feed to gain by 0.26 lbs of DM per lb of gain.
- Advantage in yield percentage of 0.65% points.

**THE REDUCTION IN FEED COST OF GAIN AND IMPROVEMENT IN DRY MATTER
FEED TO GAIN LED TO A \$30 PER HEAD ADVANTAGE IN PRODUCTION COSTS
WITHOUT SACRIFICING CARCASS WEIGHT OR QUALITY.**

Contact PLS to learn more about the Amino Acid Balanced Diet approach. 800-626-7768

www.profectuslivestock.com