

FBN is bringing a revolutionary approach to **Feedlot Nutrition** that drives performance and profitability by balancing amino acids to the energy in the diet.

FBN conducted a commercial feeding trial with 335 head of Angus-Holstein cross calves in Southwest Minnesota. There were two treatment groups: one group was being fed the **FBN Profectus diet** and the other was being fed a conventional ration balanced for NEg and crude protein. Calves were on feed an average of 382 days, growing from an average of 207 lbs on arrival to 1400 lbs.

THE DIFFERENCE

	Control	FBN Calves	The Difference
ADG (lbs/day)	3.02	3.22	0.2 lbs/day
Carcass Weight	861 lbs	883 lbs	22 lbs
Average DOF	389 days	375 days	14 days
Feed:Gain	5.7 lbs	5.5 lbs	0.2 lbs
DMI	17.18 lbs	17.75 lbs	0.57 lbs/day
Mortality Rate	10%	5%	

In total, the producer made **\$23,090** more from **FBN Profectus** fed calves compared to the control, realizing **\$127.82**** per head.

**Difference in mortality rate is not reflected in this number.

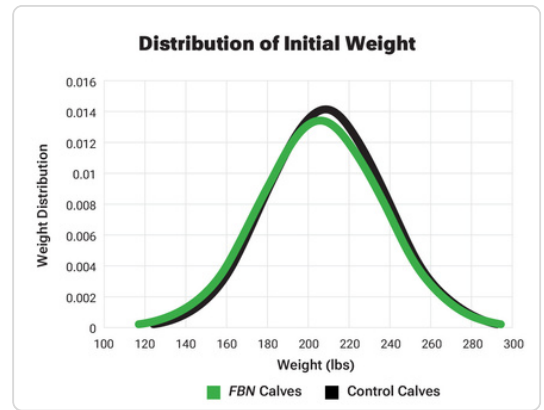


Figure 1. Calves entering the trial were split into two groups. The control calves had an average weight of 208 lbs, and the **FBN fed calves** had an average weight of 206 lbs. Distribution of heifers and steers were within 1% of each other

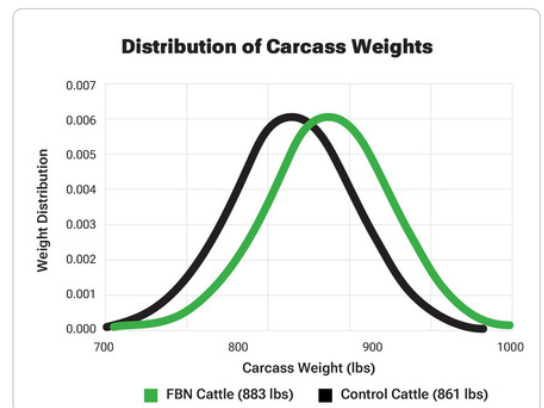


Figure 2. The **FBN diet** increased average hot carcass weight by **22 lbs.** versus the conventional diet. **FBN fed calves** had improved average daily gain of **0.2 lbs.**, making a heavier hot carcass in fewer days.

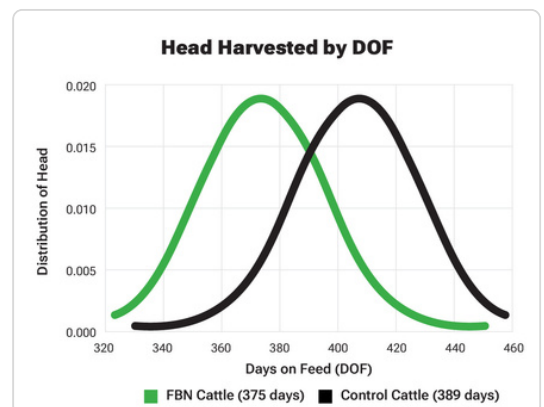


Figure 3. The **FBN diet** reduced the days on feed, allowing 2 pot loads to be marketed 3 weeks before the first control diet.

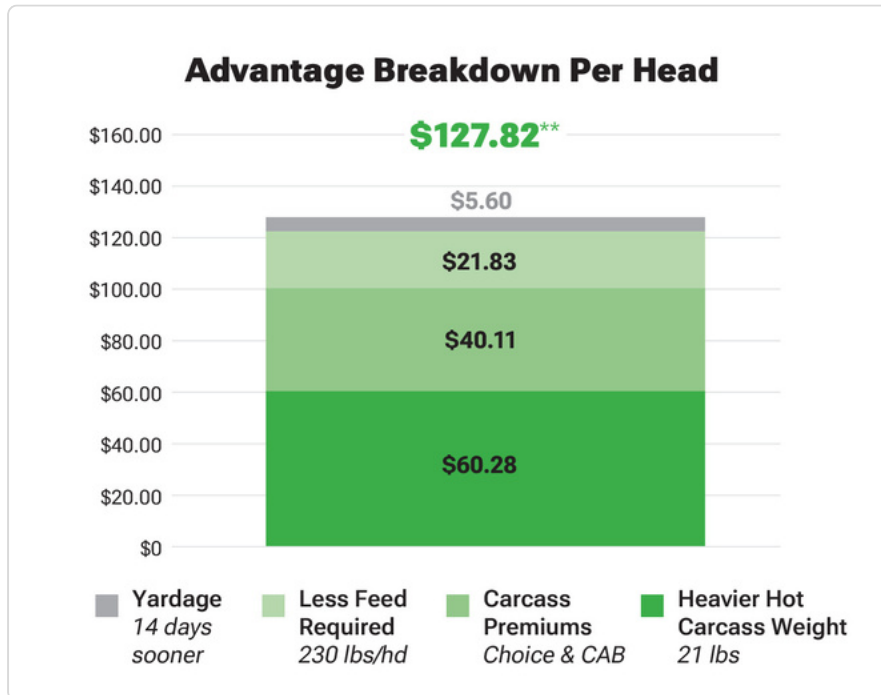


Figure 4. Advantage per head, broken down by each advantage.
**Differences in mortality rate is not reflected in this number.

METRICS & METHODOLOGY



Heavier Hot Carcass Weight: *Profectus Feeds* improved calves average daily gain and feed to gain ratio, creating a heavier carcass on less feed



Carcass Premiums: Our propriety way of balancing amino acids targets for more specific muscle growth, increasing carcass value



Reduction in Feed Needs: The FBN fed calves consumed on average 230 lbs of feed less than the control group.



Yardage: 14 less days on feed required to reach market weight

LEARN MORE AT [FBN.COM/DIRECT/PROFECTUS](https://fbn.com/direct/profectus)