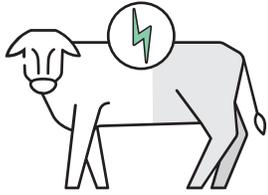


GAIN & PERFORMANCE RESEARCH FINDINGS

These gain and performance studies were funded by Iowa's cattle producers for the benefit of Iowa cattle producers through the Iowa State Beef Checkoff.

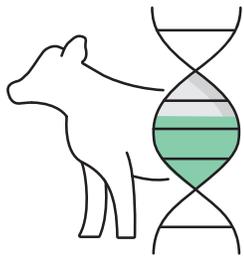


HIGH ENERGY DIETS

Lead to Better Efficiency During Backgrounding

Cattle backgrounded on a lower energy diet (30% roughage) for 70 days had decreased feed compared efficiency compared to those fed a higher energy diet (12% roughage) throughout the backgrounding phase.

To maximize feed efficiency, consider a higher-energy diet during the backgrounding phase.

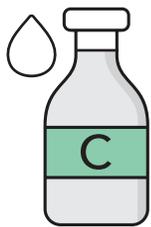


FOCUS ON GENETIC SELECTION

Versus Feeding or Implants for Consistently High Grades

Steers from a well-selected Angus herd, bred for 20 years with a focus on high-quality beef, consistently produced top-grade carcasses. All carcasses graded Choice or higher, with 65% reaching Prime, regardless of the feeding or implant strategy used.

This demonstrates the value of long-term genetic selection for beef quality.



PRE-TRANSIT VITAMIN C INJECTIONS

Improve Growth and Feed Intake

Administering Vitamin C to yearling steers before a long 18 hour transport can improve performance.. In the trial, over the next 57 days, these steers showed a 10% increase in average daily gain and a 5% increase in feed intake compared to those not given Vitamin C.

A simple Vitamin C injection before transit could lead to better growth and feed efficiency.



To review additional research results scan the code below

