

IOWA BEEF PRODUCERS INVEST IN LOCAL RESEARCH VIA CHECKOFF FUNDS

A portion of your state beef checkoff funds are being used to conduct industry-leading research focused on improving your herd's health and your farm's profitability.

Iowa Beef Industry Council-funded studies are tailored to address your specific challenges and opportunities, delivering practical, actionable insights for Iowa's cattle operations. Since 2018, farmers have funded more than **20 projects** valued cumulatively at **\$1.7 million**.

DID YOU KNOW?



Peer-Driven Funding: A team of Iowa cattle producers and local experts reviews every research proposal, ensuring each project hits on what is needed right here in Iowa.



Practical Checks & Accountability: Every project gets regular check-ins, and we share the findings to help make it easier for producers to put them to use on the farm.



Local Research that Works: With Iowa's fifty-cent checkoff, we're backing research that gets to the heart of Iowa cattle operations and the real issues our producers face every day.

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Research is costly and, by pooling checkoff dollars, we can fund projects that wouldn't be able to be funded by anyone on their own.

- Dean Black, Iowa beef producer

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OUR RESEARCH FOCUS AREAS

IBIC's research is focused on empowering Iowa beef producers with practical tools to improve their operations. Every study—from boosting feed efficiency to tackling herd health—addresses real challenges facing Iowa's beef industry. With input from local producers and careful selection, these projects deliver hands-on knowledge to help increase returns, strengthen herd productivity, and support sustainable practices.

All of this research is important for Iowa beef producers looking for innovative ways to bring a return on investment to their farms and ranches.

- Dr. Dan Thomsen, Iowa State University

EXAMPLES OF PRODUCER RESEARCH RESULTS

Gain & Performance

High-Energy Diets and Implants Enhance Feed Efficiency and Carcass Quality

- Feeding steers with marbling potential a high-energy diet (63 Mcal NEg/lb) for 144 days resulted in higher average daily gain, better feed conversion, and increased live and carcass weights compared to a lower-energy diet.
- Implanting trenbolone acetate and estradiol further increased ADG, feed conversion, live and carcass weights, and ribeye area while maintaining marbling scores and yield grades.

Herd Health

Leverage Biomarker Technology to Improve Diagnosis of Bovine Respiratory Disease

- Biomarker technology shows potential as a tool to help feed yards diagnose bovine respiratory disease (BRD) more effectively.
- Further research is needed to establish critical cutoff points to distinguish between healthy and sick animals, allowing for more precise and timely interventions.

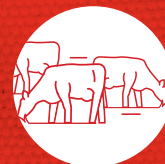
Carcass Quality

Avoid Restricting Intake During Early Feeding to Maintain Cattle Performance and Carcass Quality

- Restricting feed intake during the first 48 days lowered feed costs but resulted in decreased body weight, hot carcass weight (HCWT), and worsened feed conversion.
- Cattle fed on this restricted diet for 119 days underperformed throughout the finishing period.



Gain & Performance



Herd Health



Carcass Quality



Cow-Calf



Reproduction & Genetics



Hairy Heel Wart



Beef x Dairy

For a full listing of research results and key takeaways, scan the QR code or visit www.iabeef.org/cattlemens-corner/production-research

