

# Genetics Matter for Feeder Cattle

INHERIT Optimize<sup>®</sup> is a DNA test and weekly genetic evaluation for feeder cattle that provides predictions and percent ranks for ten key traits, and the Zoetis Feedlot | Carcass (ZFC) index.

## Genomic insights to help you add value at every phase

INHERIT Optimize delivers powerful genetic insights for feeder cattle, helping you make more informed decisions in the cow-calf, backgrounding, and feedlot phases of production. Whether your focus is price discovery, retained ownership, improving grid returns, or supporting breeding decisions, INHERIT Optimize can help move your operation forward.

### What you'll get:

- ✓ **Genetic Predictions:** Ten key traits for growth, efficiency, carcass quality, and tenderness—plus predictions for color, polled status, and breed composition.
- ✓ **Parentage Discovery:** Identify or verify sires and dams to build pedigree information.
- ✓ **Breed Composition:** Genomic breed estimates supporting heterosis management, performance prediction, and breed claims.
- ✓ **Economic Index:** The Zoetis Feedlot | Carcass ZFC index estimates differences in potential net return based on U.S. feedlot and carcass economics.
- ✓ **Weekly Updates:** Access current predictions powered by a growing database of over 1.6 million animals.
- ✓ **Bovine Viral Diarrhea Virus (BVDV) Add-On (optional)**



### Key Traits Evaluated

Trait	Description
Yearling Weight (YW)	Growth rate to 365 days
Yearling Height (YH)	Frame size
Dry Matter Intake	Feed intake
Feed-to-Gain Ratio	Feed conversion
Carcass Weight (CW)	Market weight impact
Marbling (MARB)	Quality grade, flavor, grid price
Fat Thickness (FAT)	Yield grade & lean value
Ribeye Area (REA)	Muscularity
Yield Grade (YG)	Percentage retail cuts, grid price
Tenderness (TND)	Eating experience





## **Just 3 easy steps** **to get started with genetic testing**

1. Scan the QR code to talk to a genetics rep who will help you order testing supplies, walk you through account set up and show you what results will look like.
2. Collect samples any time cattle are handled.
3. Receive results in about four weeks. Use the results to make more informed selection, breeding, marketing and management decisions.



## **Looking for more herd insights and genetic predictions?**

**Discover these additional Zoetis Beef Genetics products**

### **INHERIT Select®**

*For Commercial Beef Replacement Heifers*

### **INHERIT Connect®**

*For Seedstock and Commercial Beef Cattle*

### **INHERIT Optimize® BDX**

*For Beef-Dairy Crosses*

### **GeneMax® Advantage™**

*For Commercial Angus Candidate Replacement Heifers*

### **HD 50K® for Angus**

*For Registered Angus Bulls and Females*

### **Add-on Tests**

*Gain more insights on your herd through additional tests that can help you identify genetic conditions.*

Visit [BeefGenetics.com](https://www.beefgenetics.com) to talk to a rep and get started with genetic testing.