

# Optimize Your Beef-Dairy Crosses

INHERIT Optimize® delivers beef sire discovery, genomic breed composition, expected progeny differences (GEPDs) for carcass traits and liver health, and indexes for predicted carcass value.

## Get affordable, actionable insights for beef-dairy crosses with INHERIT Optimize BDX

INHERIT Optimize BDX (beef dairy crosses) delivers actionable insights for more informed crossbreeding, feeding and marketing decisions. Whether you're focused on enhanced price discovery, retained ownership, hitting grid targets for carcass premiums, or progeny testing sires, INHERIT Optimize equips you with the information to achieve your goals. You'll get:

- **Genomic EPDs (GEPDs):** Receive GEPDs for carcass weight, marbling score, fat thickness, ribeye area, yield grade and liver health - along with predicted breed composition across major beef and dairy populations.
- **Economic Production Indexes:** Utilize Zoetis Carcass Value (ZCV) and Zoetis Grid Price (ZGP) indexes to predict differences in carcass value and grid price per hundredweight for more informed breakevens..
- **Parent Discovery:** Discover sire parentage or verify presumed parents to authenticate pedigree and strengthen genetic connections. Genomic sex and genotypes for color and polled also are provided.
- **Weekly Updates:** Access the most up-to-date predictions powered by the proprietary Zoetis Multi-Breed Genetic Evaluation (ZMBE), which includes over 1.6 million animals and is growing every week.



### For Beef-Dairy Cross Calves and Cattle Feeders

- ✓ Help make smarter decisions about retained ownership and price discovery.
- ✓ Group animals by genetic potential to improve carcass uniformity and optimize feeding strategies, enhancing production efficiency.
- ✓ Reduce severe liver health issues with Liver Health predictions for more informed breeding and feeding decisions.

### For Beef Processors and Branded Beef Programs

- ✓ Enable genomic traceability and quality assurance to stand out in value-driven markets.
- ✓ Build trust by backing breed composition claims with genomic data.
- ✓ Expressed carcass trait and liver health performance from tested animals enhances future breeding, feeding and marketing decisions.





## 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 want 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<sup>®</sup>**

*For Commercial Beef Replacement Heifers*

### **INHERIT Connect<sup>®</sup>**

*For Seedstock and Commercial Beef Cattle*

### **INHERIT Optimize<sup>®</sup> for Beef**

*For Commercial Feeder Cattle*

### **GeneMax<sup>®</sup> Advantage<sup>™</sup>**

*For Commercial Angus Candidate Replacement Heifers*

### **HD 50K<sup>®</sup> 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.