



# Efficiency

## REDUCE FEED COSTS

with a more efficient herd



in calf feeding systems



in yearling finishing systems

Improve Feed Efficiency  
in your herd for a better \$ return

**FEED IS  
THE SINGLE  
GREATEST COST  
IN BEEF  
PRODUCTION**

Anderson et al., 2005

## ADDED VALUE TO EFFICIENCY

**10%**  
improvement  
in efficiency



Up to an average of  
**43%**  
profit increase per calf

Fox et al., 2001

## Selecting efficient sires will give you MORE GAIN FOR YOUR BUCK

GENETICALLY EFFICIENT



OFFSPRING WEANING WEIGHT:  
**600 LBS**

AVERAGE FEED CONVERSION:  
**5 LBS: 1 LB GAIN**

FEED NEEDED:  
**4,750 LBS**

FINISHING WEIGHT:  
**1,550 LBS**

FEED COST = **\$475.00**  
(AT \$0.10/LB)

AVERAGE



OFFSPRING WEANING WEIGHT:  
**600 LBS**

AVERAGE FEED CONVERSION:  
**6.1 LBS: 1 LB GAIN**

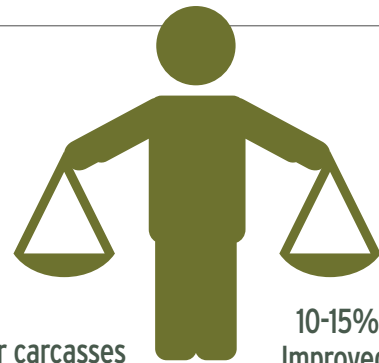
FEED NEEDED:  
**5,795 LBS**

FINISHING WEIGHT:  
**1,550 LBS**

FEED COST = **\$579.50**  
(AT \$0.10/LB)

FEED COST DIFFERENCE OF  
**\$104.50**

Benchmark Angus, 2016



Leaner carcasses  
Slightly less growth  
Smaller mature size

10-15% Improved  
feed to gain ratio  
Reduced feed requirement per animal  
Decreased net energy of maintenance

## ACHIEVING EFFICIENCY IS A BALANCING ACT

Santana et al., 2012, Beef Cattle Research Council, 2016

