



# BEEF FARMERS: Efficient. Innovative. Responsible.

Innovation and enhancements in management and practices have led to major improvements in sustainability<sup>1</sup>

## We're Using Science to Enhance Efficiency and Advance Animal Welfare



Superior Cattle Genetics



High-Quality Cattle Feeds

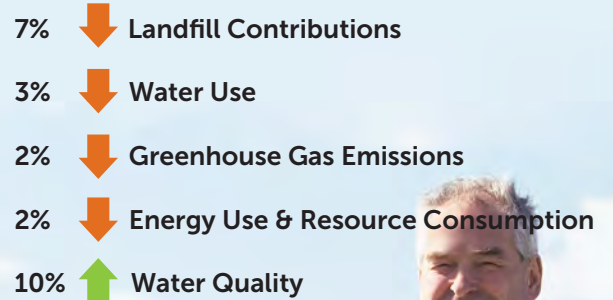


Advanced Animal Management Techniques



Widespread Use of Technology

## We're Making Major Innovations in Sustainability<sup>1</sup>



## Did You Know Local Doesn't Always Mean More Sustainable?<sup>2</sup>



More smaller deliveries can burn more fossil fuel<sup>2</sup>



**1-3%**  
per unit of beef

Transportation to consumers creates only 1-3% of greenhouse gas emissions per unit of beef<sup>2</sup>

## To Increase Sustainability in the Future, We Continue to Optimize:

- Management of cattle and resources to promote improved efficiencies
- Use of distiller grains in diets
- Manure management techniques to reduce fertilizer inputs
- Biogas recovery systems, closed loop water cooling systems and waste water recovery systems



Read more about Agriculture in America Sustainability; please check out our digital report at [straighttalk.fooddialogues.com](http://straighttalk.fooddialogues.com)

<sup>1</sup> <https://factsaboutbeef.com/2013/09/30/raising-beef-isnt-sustainable-its-more-sustainable-than-you-think/>

<sup>2</sup> [http://beefresearch.org/CMDocs/BeefResearch/Sustainability\\_FactSheet\\_TopicBriefs/Fact\\_Sheet\\_8\\_Local\\_Beef.pdf](http://beefresearch.org/CMDocs/BeefResearch/Sustainability_FactSheet_TopicBriefs/Fact_Sheet_8_Local_Beef.pdf)