

# 5 Key Ways Wheat Farmers are *Improving Sustainability*

## GHG Emissions

**DECREASED BY 46%**

due to more prescriptive use of fertilizers and precision input application.



## Soil Erosion

**DECREASED BY 46%**

through reduced tillage and other production improvements.

## Energy Use

**DECREASED BY 57%**

due to improved fuel efficiency and reduce tillage.



## Land Use

**DECREASED BY 45%**

with a lower planted area and production improvements.

## Water Use

**DECREASED BY 46%**

with higher yield per water unit and reduced irrigation.



*The Life Cycle Analysis studied 100 farms across the U.S. from 1978 to 2018 and found five key areas of improvement. The research was conducted by Texas A&M University AgriLife Research and Colorado State University and was sponsored by U.S. Wheat Associates, the National Association of Wheat Growers and the National Wheat Foundation.*

