

5 Key Ways Wheat Farmers are *Improving Sustainability*

GHG Emissions

DECREASED BY 33%

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



Soil Erosion

DECREASED BY 60%

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.

