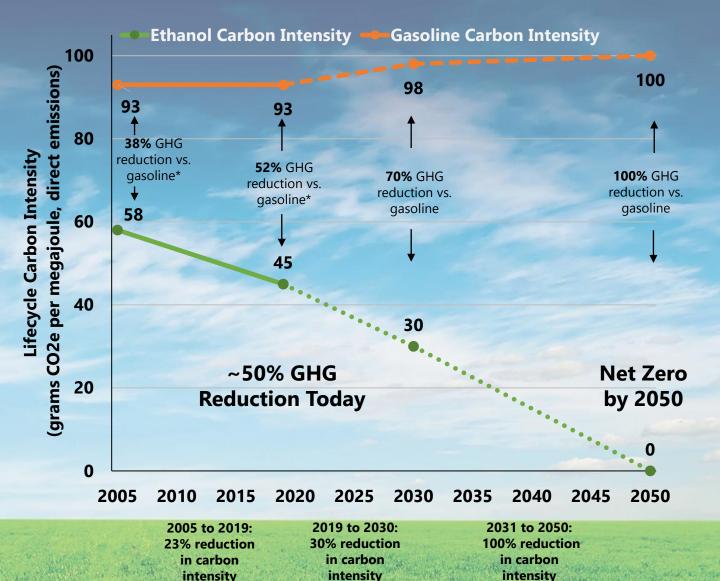
RFA members are committed to ensuring ethanol reduces GHG emissions by 70% (on average) compared to gasoline by 2030 and achieving a net-zero emissions carbon footprint by 2050.

## Actual 2005 and 2019 Ethanol Carbon Intensity and RFA Goals for 2030 and 2050



\*Lee, U., Kwon, H., Wu, M. and Wang, M. (2021), Retrospective analysis of the U.S. corn ethanol industry for 2005–2019: implications for greenhouse gas emission reductions. Biofuels, Bioprod. Bioref.

