Nutrien Carbon Program
Carbon Pilots with Broad Geographic Coverage and Agronomic Practice Implementation

Wide spectrum of farm sizes and production systems, covering ~200K acres…

...implementing a comprehensive set of sustainability practices

2021 Pilot Locations

Carbon impact strategy

- Nitrogen management
  - Variable rate fertilizer application & Improved timing

- Soil management
  - Slow/controlled release fertilizer OR N inhibitors
  - Low/no-till cropping
  - Cover cropping

- Optimized productivity
  - Other value added products

- Focus on broad base of practices to reduce GHG emissions and improve soil carbon sequestration

No one company, no single government and no standalone framework of regulations can effectively tackle the climate action we need alone. Only by working together can we make the meaningful changes needed to preserve our planet for future generations.
2021 Pilot Portfolio
Driving Learning with Key Collaborators to Support Scale-up

Following a portfolio approach for carbon asset generation...

Protocols / Execution Partners

- VERRA
- NERP/CCP
- ESMC
- Gold Standard
- Soil and Water Outcomes Fund

Verified Assets

- Carbon Offsets
- Supply Chain Intervention (Scope 3 Asset)

Carbon Markets

- Compliance
- Voluntary

Pilot Supplier Partners

- syngenta
- CORTEVA
- BASF

Downstream Collaborators

- MAPLE LEAF
- PEPSICO
- Ingredion

NGOs

- American Farmland Trust

Ecosystem of partners to develop and de-risk most viable paths to scale

Targeting the creation of independently verified carbon assets following available protocols to establish best path(s) to scale, focusing on maximizing carbon performance, quality and value...