



CLIMATE RESILIENT FARMING

Launched in 2015, the [Climate Resilient Farming \(CRF\) Program](#), helps to reduce the impact of agriculture on climate change and to increase the resiliency of New York State farms effected by a changing climate. The program is administered by the NYS Soil and Water Conservation Committee, in coordination with the NYS Department of Agriculture and Markets.

CRF Grant Program provides cost-share assistance to farmers to reduce GHG emissions and increase resiliency through Soil and Water Conservation Districts (SWCD) using three funding tracks:

Track 1: funds **manure storage cover and flare systems** to reduce methane emissions and increase the farm's resiliency to major precipitation events.

Track 2: funds **water management projects** to prepare agricultural producers for two experienced and anticipated impacts of climate change: flood events and drought. Includes best management practice systems which stabilize and reduce flows, store water, and conserve water through high-efficiency irrigation systems.

Track 3: funds **Healthy Soils NY** projects to improve soil health on farms and enhance a farm's resiliency to the impacts of climate change. Soil health management practice systems create carbon sinks, increase water holding capacity of the soil, and improve recycling of nitrogen by crops, thereby mitigating GHG emissions.

CRF Grant Program Impact

- **\$12 million** awarded since 2015
- **\$8 million** available for Round 6 to be awarded 2022
- **27** Soil and Water Conservation Districts received grants to date
- **200** Farms assisted through five rounds of funding
- **26,000** acres of cover crops planted reducing GHG emissions by **6,845 metric tons CO₂e/yr.***
- **320,000 metric tons of CO₂e/yr. emissions reductions** for all projects, equivalent to removing **69,500 cars from the road** for one year*

[NY Soil Health Initiative](#)—Partnership with Cornell University

- **\$1.2 million** since 2017
- Developed NY Soil Health Roadmap, factsheets for GHG benefits of soil health management practice systems in NYS, developed a technical report on the Characterization of Soil Health in NYS, performs applied research and continues to support soil health training and outreach.

Hudson Valley Carbon Farming Pilot Project

- **\$400,000** for May 2020 – December 2023
- Pilot project to implement regenerative agricultural practices on farms in the Hudson Valley.
- Promotion and outreach of the benefits of regenerative agriculture and soil health practices through field demonstrations, virtual outreach events, and multi-media communication tools.

*Calculated with COMET-Planner, IPCC calculations for methane, and the US EPA's Greenhouse Gas Equivalencies Calculator.