

Extension's Role in Educating Ohio Growers about the Carbon Markets

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Farmers Take the Stage



Biden's climate change strategy looks to pay farmers to curb carbon footprint

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KEY POINTS

- The Biden administration is looking to steer farm aid from the USDA's Commodity Credit Corporation to encourage carbon emissions reductions on farms.
- By adapting more "regenerative practices," experts estimate that American farmers can sequester a large enough portion of emissions to avert a climate catastrophe.



Ripped from the Headlines

Carbon markets lure farmers, but will benefits be enough to hook them?

11/23/20 1:00 PM By Ed Maixner and Philip Brasher

KEYWORDS AGRICULTURE DEPARTMENT ALMONDS CALIFORNIA AIR RESOURCES BOARD CAP AND TRADE
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HOW CARBON MAY BECOME ANOTHER CROP FOR FARMERS

By Gil Gullickson
2/4/2021

Folded arms and furrowed brows among frustrated farmers greeted former Rep. Bob Inglis (R-SC) at a National Corn Growers Association (NCGA) meeting in the mid-2010s.

Inglis was then a rarity among Republican legislators. He made his case for market-based solutions to mitigate the impact of human-



The Three Biggest Trends in Carbon Markets

April 15, 2021

U.S. farms are poised to become environmental solutions providers, with big potential to sequester carbon. But navigating this complex ecosystem will require careful planning and understanding. As U.S. agriculture continues to find clarity on the potential of carbon markets, growing demand for sustainability is driving the industry closer to solutions. What effort in demand for sustainability is driving the industry closer to solutions? Why do all segments of the food and involved?

Farmers and the Environment— What's Trending?

- Sustainable agriculture
- Environmental stewardship
- Nutrient management
- Water quality best practices

Carbon Credits

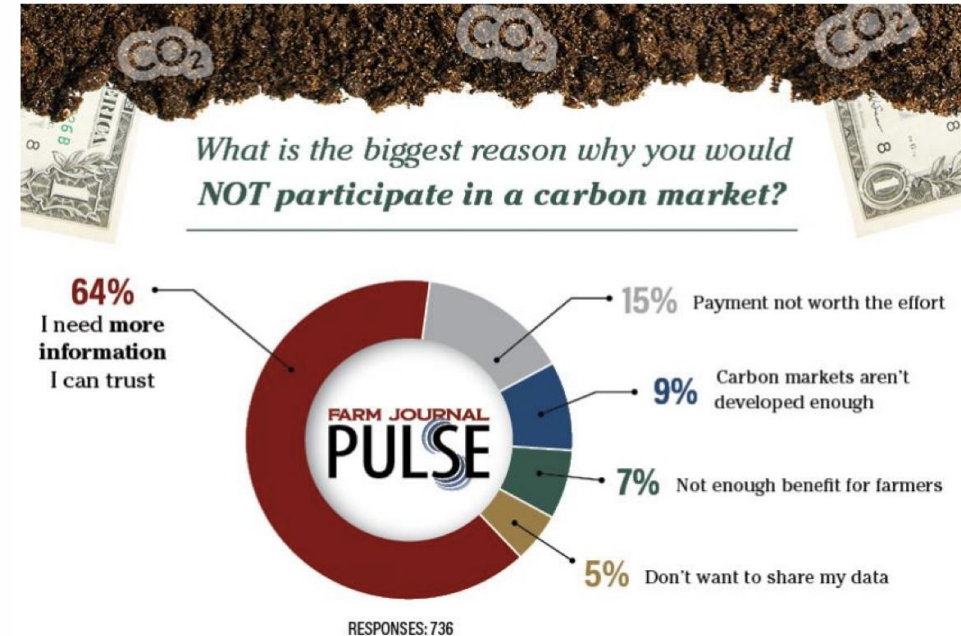


Carbon Market Dilemma

A Farm Journal Pulse poll conducted in March reports that 64% of farmers say they need more trustworthy information to help them decide whether to commit to a carbon market program.

To date, only 1% of farmers has actually signed a contract, though between 30% and 40% of the 400 farmers surveyed are aware of opportunities to get paid for sequestering carbon.

Source: March Ag Economy Barometer, Purdue University



Farmers Reality Check Carbon Markets

Source: Farm Journal

Key Information and Tools Desired

- Determining carbon footprint baselines
- Understanding carbon credits and the carbon market
- Knowing IF and WHEN to sell and at what price
- Decision-making around short and long-term investments

Forthcoming Extension Resources and Tools

- Extension Sequestration Specialist in partnership with C-MASC
- Partnering with CFAES Knowledge Exchange to create a one-stop-shop for science-based information on all things carbon
- CFAES Extension Carbon Team to develop tools and resources for carbon decision-making:
 - Basic information on carbon
 - Webinars
 - Factsheets
 - Decision-making tools
 - On-farm research
 - Farm Science Review educational programs interactive learning

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