Point Blue Conservation Science

Cropland Carbon Monitoring Program

Cropland science in action. Photo by Alicia Herrera/Point Blue

The Crop-C Program was developed to help practitioners conduct transparent, fit-for-purpose monitoring of aboveground and belowground carbon in response to cropland management. At the same time that it supports management efforts at the farm scale, Crop-C is designed to evaluate management effects on carbon at regional scales when data is aggregated network-wide in the secure Point Blue Science Cloud.

Collaboratively Developed

The Crop-C Program was developed with input from 28 scientists, agency staff, technical service providers, and farmers representing 20 institutions.

Multiple Practices

The Crop-C Program provides guidance on how to monitor carbon in response to nine conservation farming practices, including cover crops, reduced/no-till, livestock integration, windbreaks/hedgerows, and soil carbon amendments.

Fit-for-Purpose

The Crop-C Program facilitates a guided decision-making process, ensuring each monitoring project fits the user needs while maintaining a base level of rigor.

Inference Scoring System

The Crop-C Program uses a novel inference scoring system that captures decisions made throughout the monitoring process, allowing each customized project to be tracked and communicated in a transparent way.

Network-wide Science

Consistent methods and a secure network-wide dataset support regional understanding of practice impacts to inform farmers, conservation planners, and researchers.

Download the Crop-C Handbook

Contact our team at CropC@pointblue.org

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