

EcoHarvest

We Make Investing in Regenerative Agriculture Pay Off

ESMC's national scale ecosystem services market program, EcoHarvest, rewards farmers for beneficial environmental outcomes from regenerative agriculture. We offer our clients multiple outcomes and can customize a program that works best for your organization's goals.

EcoHarvest project participation can help you advance measurable, science-based outcomes across carbon, water, and biodiversity. These outcomes can be used to meet GHG inventory and other sustainability targets. EcoHarvest can also generate emission factors for utilization in Scope 3 inventory to meet Science-Based Target initiative (SBTi) commitments.

Meeting Nature-Based Commitments with EcoHarvest

Eco-Harvest provides reporting outcomes specific to project and buyer needs including:



Carbon

Reduced greenhouse gas emissions and increased soil carbon



Water

Improved water quality and supply shed resiliency



Biodiversity

Improved habitat for pollinators, insects, and birds, and increasing biodiversity in the soil microbiome

Read on for more for specifics on our biodiversity offerings

www.ecoharvest.ag



EcoHarvest



Developing Biodiversity Outcomes

With no defined strategy for measuring biodiversity in the US, we are creating a biodiversity metric and associated standards. This structured biodiversity quantification approach will fill a critical gap in the market and lays the foundation for standardized biodiversity accounting.

What Agricultural Practices Impact Biodiversity in the Field?

Based on research, biodiversity protocol development, and producer feedback, the following Best Management Practices (BMPs) show the greatest opportunity for improvements in biodiversity as eligible practices:

- cover cropping
- tillage reduction
- nutrient management
- edge-of-field plantings



What We Quantify

Using these BMPs, we quantify the following metrics to measure biodiversity:

- habitat type
- size of area
- habitat condition
- the area's strategic significance rating

These can be turned into Scope 3 outcomes available to buyers as a “Change in Biodiversity” unit which represent the ecological value of a site before and after BMP implementation.