

EcoHarvest

We Make Investing in Regenerative Agriculture Pay Off

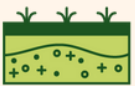
ESMC's national scale ecosystem services market program, EcoHarvest, rewards farmers for beneficial environmental outcomes from regenerative agriculture. We offer our clients multiple outcomes and can customize a program that works best for your organization's goals.

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

EcoHarvest provides reporting outcomes specific to project and buyer needs including:

Carbon



Reduced greenhouse gas emissions and increased soil carbon – with either inventory accounting (emissions factors) or intervention accounting (outcomes)



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 water offerings

www.ecoharvest.ag



EcoHarvest



Developing Water Outcomes

Through water quality reporting, buyers can bridge the gap between field level outcomes and watershed improvements – showcasing how practices at the field level can improve water quality at the regional level. Impacts from these improvements are turned into Scope 3 outcomes available to buyers in the form of pounds of pollutant reduced per year.

What Agricultural Practices Impact Water Quality?

The following Best Management Practices (BMPs) show the greatest opportunity for improvements in water quality and are included as eligible practices in EcoHarvest:

- cover cropping
- tillage reduction
- nutrient management



What We Quantify

ESMC's PLET Tool automates the calculation of water quality impacts from producers implementing BMPs. The Tool assesses annual runoff volume and reduced nutrient (nitrogen and phosphorus) and sediment loads.

We are developing the opportunity to measure and quantify water outcomes at smaller scales to enable regional assessments and better ecosystem service market integration. These include at the sub-basin level (HUC 8) and the sub-watershed level (HUC 12).