



## 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 carbon offerings

[www.ecoharvest.ag](http://www.ecoharvest.ag)



# EcoHarvest



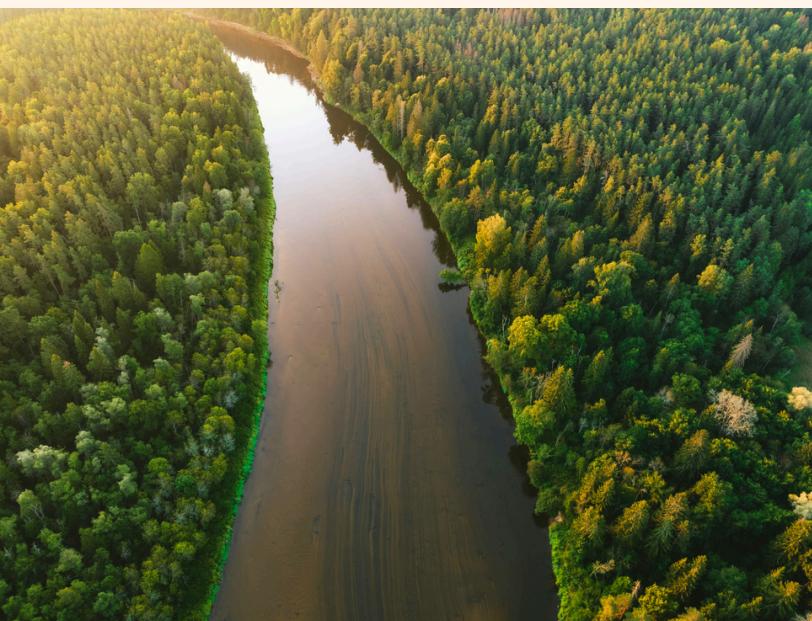
## Developing Carbon Outcomes

EcoHarvest allows corporates to report improved Scope 3 environmental impacts in the form of carbon and greenhouse gases (GHGs) through improved emission factors. EcoHarvest program, protocols, and resulting outcomes are aligned with the relevant standards, such as the Science Based Targets initiative (SBTi) and the Greenhouse Gas Protocol guidance for the Scope 3 corporate reporting market.

## What Agricultural Practices Impact Soil Carbon and GHGs?

The following Best Management Practices (BMPs) show the greatest opportunity for improvements in sequestering carbon in the soil (GHG removal) and reducing GHG emissions associated with agricultural activities. The following are included as eligible practices in EcoHarvest:

- cover cropping
- tillage reduction
- nutrient management



## What We Quantify

Using soil sampling, modeling, and emission factors, we quantify outcomes from the BMPs highlighted above to provide buyers with improved emissions factors. These include reductions in carbon dioxide, methane, and nitrous oxide as well as increases in soil organic carbon.

## Program Outputs

- Scope 3 Soil organic carbon removals
- Scope 3 GHG emission reductions