



# CLIMATE SMART WHEAT

## A PARTNERSHIP



### WHAT IS "CLIMATE SMART"?

Climate smart products come from fields utilizing any of 34 conservation practice standards described by USDA. Below is a selection of the practices expected to be relevant to wheat production in the Northwest. The goal is to make farmers with good stewardship practices more money and brand them as the heroes of climate solutions.

- Alleycropping (CPS 311)
- Multi-Story Cropping (CPS 379)
- Combustion System Improvement (CPS 372)
- Nutrient Management (CPS 590)
- Conservation Cover (CPS 327)
- Prescribed Grazing (CPS 528)
- Cover Crop (CPS 340)
- Residue & Tillage Management- No Till (CPS 329)
- Mulching (CPS 379)
- Residue & Tillage Management- Reduced Till (CPS 345)

### GOALS OF THE USDA PARTNERSHIP FOR CLIMATE SMART COMMODITIES



**60,000+**  
FARMS REACHED



**HUNDREDS OF**  
EXPANDED MARKETS  
& REVENUE STREAMS



**60M+ TONS**  
OF CARBON DIOXIDE  
SEQUESTERED

### HOW DOES YOUR FARM FIT?

QUALIFICATIONS	REQUIREMENT	FINANCIAL INCENTIVE
Grow cover crop seed in rotation	Work with GO Seed on nutrient management, reduce tillage, and crop selection	Up to \$150/acre of cover crop seed, saleable cover crop, sampling costs covered, potentially increased market price for wheat
Start a new practice that will increase soil carbon	Sign up with Agoro Carbon Alliance to market carbon credits	Carbon payments, sampling costs covered, potentially increased market price for wheat
Demonstrate that early adoption of conservation practices have increased soil carbon	Soil test results with SOC stock higher on your land than on similar soil conventionally managed	Sampling cost covered, potentially increased market price for wheat

## PARTICIPATION REQUIREMENTS

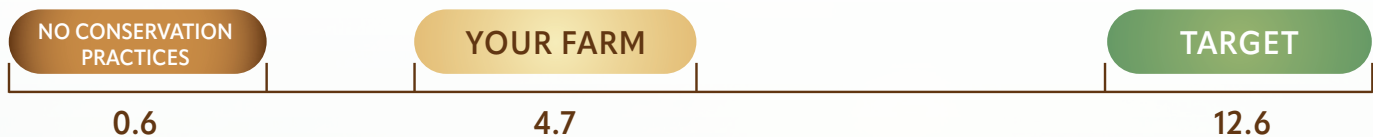
- Maintain records of which fields and products are included in the program
- Work with NWGG to track and market climate smart wheat
- Sign up for a carbon market plan or demonstrate higher soil carbon than baseline
- Work with GO Seed to fill in paperwork - FSA field information and management history  
*Paperwork sign up can be completed by filling in a spreadsheet yourself, talking with GO Seed over the phone or Zoom, or some combination of the two.*

Program participation can start this crop year if you sign up and sample this spring.

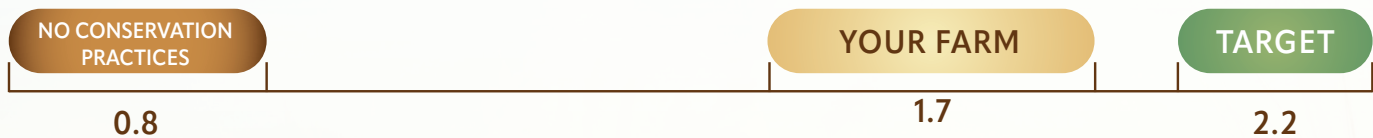
## MEASURING THE VALUE OF YOUR STEWARDSHIP COLLECTING SOIL CARBON DATA THROUGH BOOKEND SAMPLING

- Compare soil carbon results within soil type and climate zone
- Compare field of interest to low and high "bookend" or "reference" samples
- Low bookend is taken from a field with no conservation practices
- High bookend is taken from an undisturbed, minimally or optimally managed, perennial grassland
- If carbon is higher in the field of interest than low bookend then can market as climate smart wheat
- High bookend gives the target value

### WATER INFILTRATION (IN/HR) EXAMPLE DATA FROM A WALLA WALLA SILT LOAM



### SOIL ORGANIC CARBON (%) EXAMPLE DATA FROM A WALLA WALLA SILT LOAM



Brackets indicate range of values sampled. Numbers indicate the average values for the treatment type.

This program does not guarantee a market premium for Climate Smart Wheat. However, building a verifiable premium market is our goal and profits will be passed along to growers.

## FOR MORE INFORMATION

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