

A hand holding a stalk of winter wheat in a vast field under a blue sky with rolling hills in the background.

WINTER WHEAT

Depth of Field

Wheat and rotational crops such as legumes, barley, and canola cover two million acres in northern Oregon. Wheat and barley in this region generate over \$300 million annually. This massive production scale requires the development of sustainable cropping systems, which relies heavily on understanding complex interactions among plants, soil, water, and pests. This understanding comes from long-term experiments—many of which take decades. The earliest ongoing experiment at the Columbia Basin Agricultural Research Center (CBARC) began in 1931.



SPRING WHEAT