

# SEED ENHANCEMENT PLANT GROWTH STUDY AT PHILOMATH RESEARCH STATION

Enhancement Trial Compares the Weight (lbs) of Enhanced Seeds Growth to Raw Seed Growth on Coverage and Plant Height.

## POUND FOR POUND TRIALS

	DAY 14 PLANT HEIGHT (AVG.)	DAY 14 COVERAGE (AVG.)	DAY 45 PLANT HEIGHT (AVG.)	DAY 55 COVERAGE (AVG.)
<b>ENHANCED PRG</b>	<b>66.4 mm</b>	<b>33.8%</b>	<b>68.4 mm</b>	<b>51.29%</b>
RAW PRG	62 mm	32.4%	52.7 mm	49.84%
<b>ENHANCED TF</b>	<b>65.4 mm</b>	<b>32.4%</b>	<b>98.6 mm</b>	<b>45.78%</b>
RAW TF	61.1 mm	29.0%	74.5 mm	44.25%



**ENHANCED  
PERENNIAL  
RYEGRASS**

RAW  
PERENNIAL  
RYEGRASS



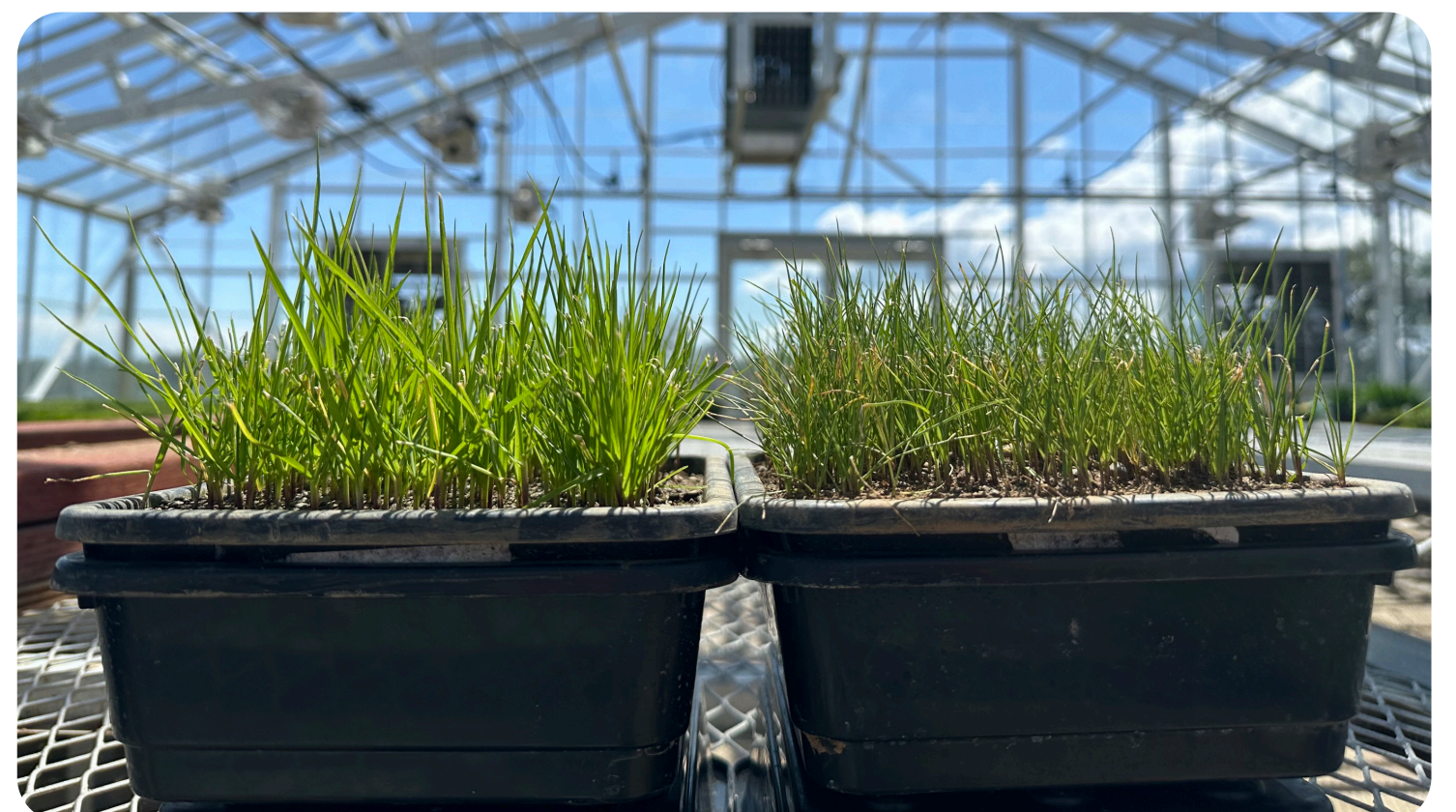
**ENHANCED  
PERENNIAL  
RYEGRASS**

RAW  
PERENNIAL  
RYEGRASS



**ENHANCED  
TALL FESCUE**

RAW  
TALL FESCUE



**ENHANCED  
TALL FESCUE**

RAW  
TALL FESCUE

# SEED ENHANCEMENT ROOT STUDIES AT PHILOMATH RESEARCH STATION

## 14 Day Trial with Enhanced Vs. Raw Perennial Ryegrass and Tall Fescue Performed in Root Cones

Root cones maximize growing space and allow individual seeds to be isolated, allowing the study of effects from seed enhancement on plant roots.

