

# OPTIMAL SEEDING RATE

**OPTIMAL SEEDING RATES ARE DESIGNED TO MAXIMIZE YIELD AND PROFIT POTENTIAL.**

Because seed size and density can have a dramatic impact on how many seeds are in a pound, planting based on pounds per acre alone can lead to less-than-desired outcomes. To enhance your results, you need to know how many seeds to plant per acre and how many seeds are in a pound of the variety you've purchased.



GETTING IT RIGHT STARTS WITH AN  
**ACCURATE SEED COUNT**



**WestBred**<sup>®</sup>

## AGRONOMIC BENEFITS OF ACHIEVING OPTIMAL PLANT POPULATIONS



**IMPROVES** *uniformity of stand development and optimizes final stand count*



**INCREASES** *yield potential*



**REDUCES** *lodging risk*

**OPTIMIZES** *light interception*



**REDUCES** *weed competition*

**PREVENTS** *over-reliance on tillering*



**REDUCES** *seed input costs vs. overseeding*

**INCREASES** *yield opportunity vs. underseeding*



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# POUND FOR POUND SEED SIZE MATTERS

HOW DIFFERENCES IN SEED SIZE AFFECT SEEDING RATES

LARGER SEED



**UNDERseeding**

too FEW seeds/lb.

This plot has too few plants per square foot and relies too heavily on tillering to compensate to take full advantage of yield potential.

VS.  
the same  
weight in

SMALLER SEED

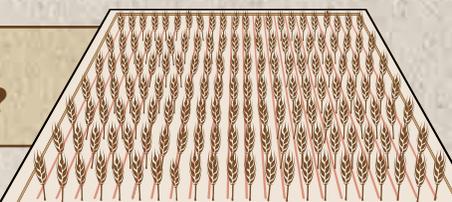
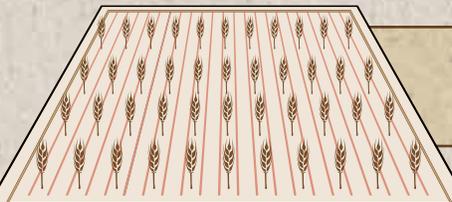


**OVERseeding**

too MANY seeds/lb.

This plot shows too many plants per square foot, which can negatively impact yield due to competition for nutrients, moisture and light.

WHAT IS  
THE REAL IMPACT?



**YIELD LOSS**

**WestBred**



GETTING IT RIGHT STARTS WITH AN  
**ACCURATE SEED COUNT**

KNOW YOUR OPTIMAL SEEDING RATE/ACRE

**SET SEEDING RATES** by  
target plants per acre versus  
pounds per acre

**SEED SIZE** impacts seeding  
rates, which can result in  
overseeding or underseeding

**OPTIMAL SEEDING RATES**  
can lower input costs and  
help increase yield potential

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