



CROP  
Potato



GROWER  
sample 1



FARM  
MCCAIN



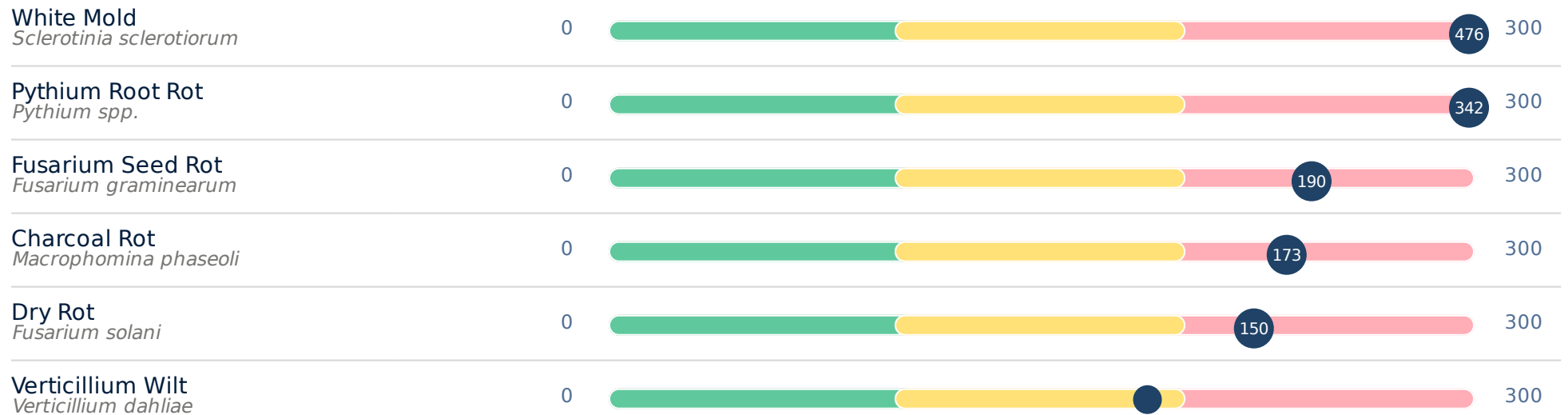
FIELD  
1



SAMPLING DATES  
06/27/2023

## Highest Peak Pathogen Levels

National Benchmark Used



Low Medium High Measured Value (% percentage)

\* Other Pathogens Measured: Alternata Blight, Black Dot, Black Scurf, Dry Rot, Potato Scab, Powdery Scab, Silver Scurf

### Field Average Chemistry Levels

CEC	13.5 meq/100 g
pH	7.1
Organic Matter	4.0 %

### Notes



CROP  
Wheat



GROWER  
sample 1



FARM  
MCCAIN



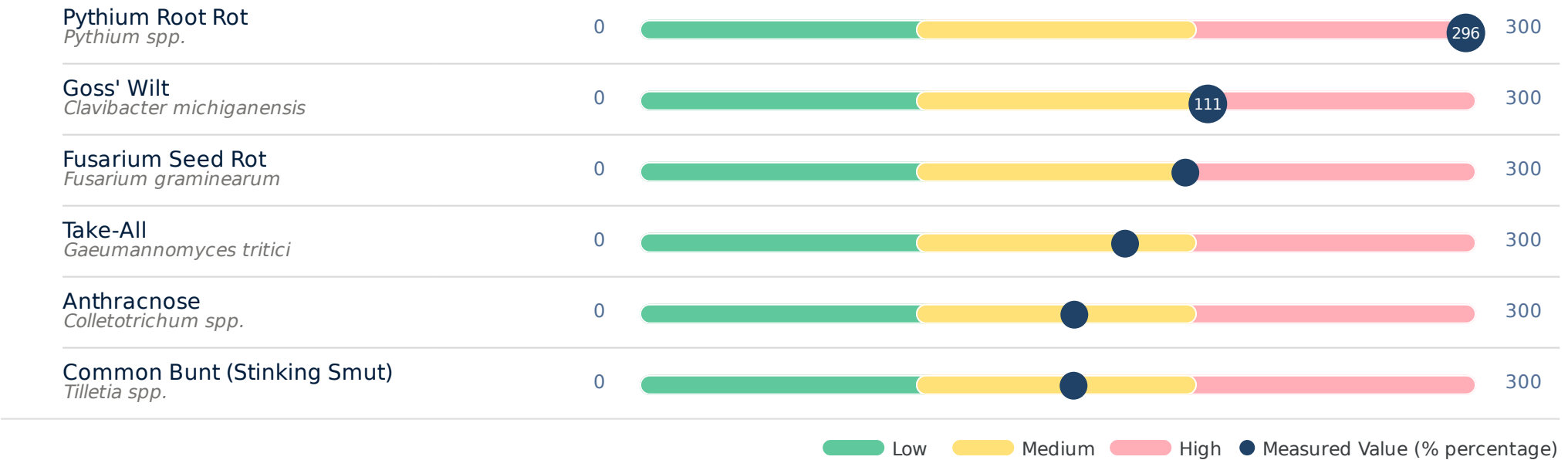
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SAMPLING DATES  
06/27/2023

## Highest Peak Pathogen Levels

National Benchmark Used



\* Other Pathogens Measured: Common Root Rot, Fusarium Rot, Rhizoctonia Root Rot

### Field Average Chemistry Levels

CEC	13.5 meq/100 g
pH	7.1
Organic Matter	4.0 %

### Notes



CROP  
Soybean



GROWER  
sample 1



FARM  
MCCAIN



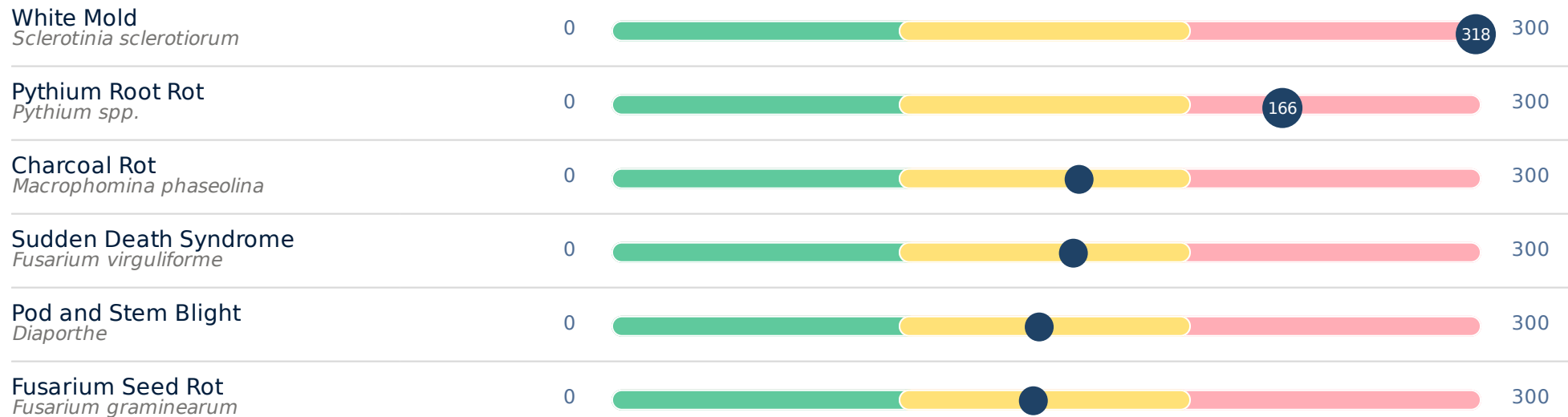
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SAMPLING DATES  
06/27/2023

## Highest Peak Pathogen Levels

National Benchmark Used



Low Medium High Measured Value (% percentage)

\* Other Pathogens Measured: Anthracnose, Phytophthora Root and Stem Rot, Root and Stem Rot

### Field Average Chemistry Levels

CEC	13.5 meq/100 g
pH	7.1
Organic Matter	4.0 %

### Notes



CROP  
Corn



GROWER  
sample 1



FARM  
MCCAIN



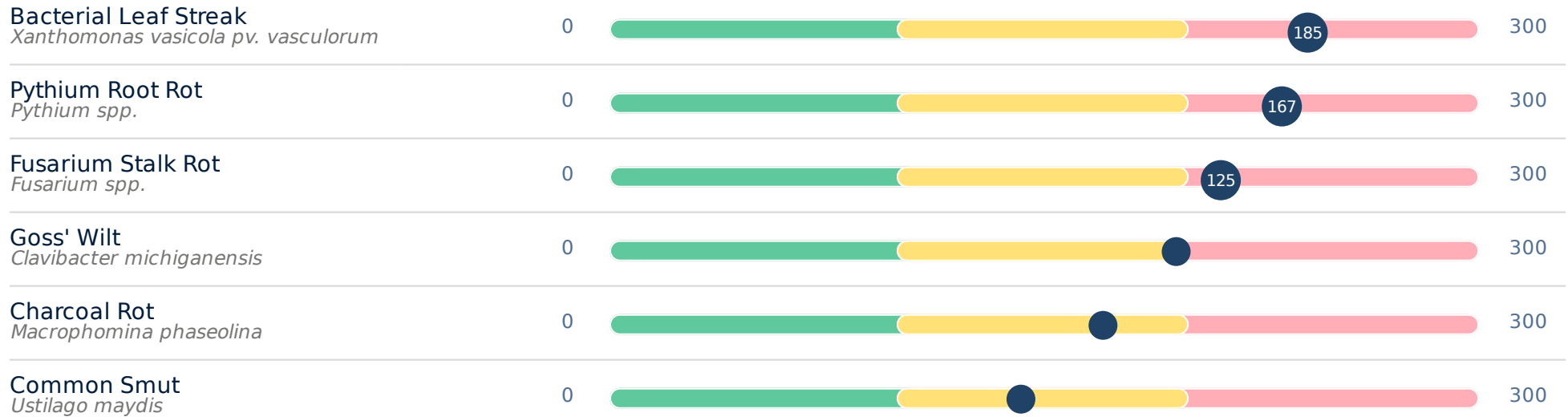
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SAMPLING DATES  
06/27/2023

## Highest Peak Pathogen Levels

National Benchmark Used



Low Medium High Measured Value (% percentage)

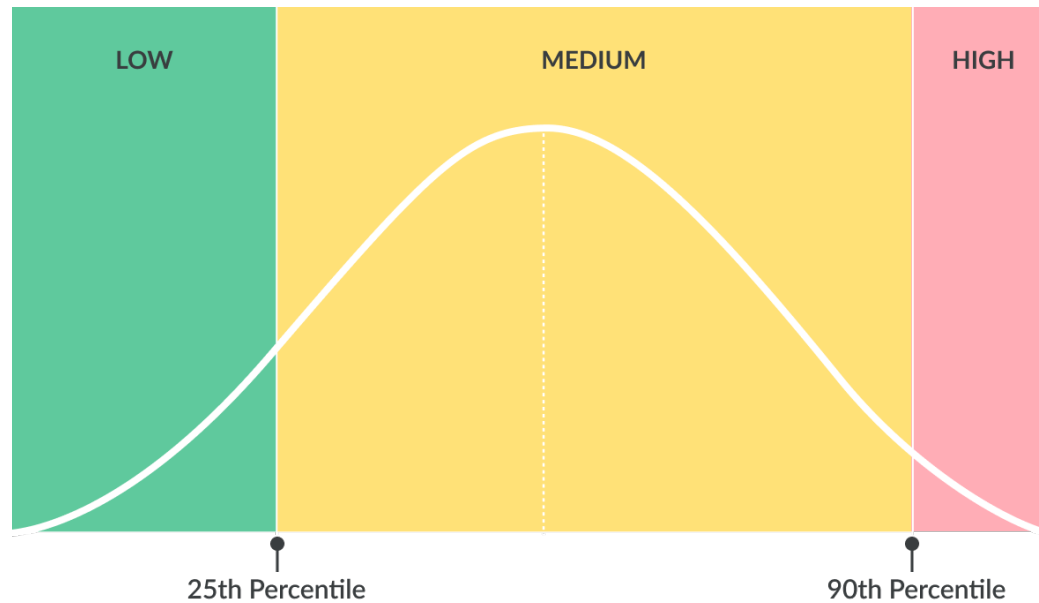
\* Other Pathogens Measured: Anthracnose, Gray Leaf Spot, Root Rot, Seed Rot and Seedling Blight, Seedling Blight, Seedling Blight and Root Rot, Stewart's Wilt

### Field Average Chemistry Levels

CEC	13.5 meq/100 g
pH	7.1
Organic Matter	4.0 %

### Notes

## Pathogen Abundance Distribution



### What does the Measured Value mean?

The 90th percentile pathogen abundance level is assigned a Measured Value of “100%” based on the benchmark used. Values above 100% are in the high range and values below 100% are in the low or medium range, depending on the abundance level.

## Benchmarks

Groups of samples from the same crop type are used to determine if the pathogen abundance levels are high/low/medium. Values above the 90th percentile value are classified as high and values below the 25th percentile are classified as low.

Localized “Smart” benchmarks are generated if there are enough samples from a particular region, providing local, customized insights. If there are not enough samples from a region, National benchmarks are used.