



CROP
Corn



GROWER
Maskell Growers



FARM
Maskell Growers



FIELD
Field 4

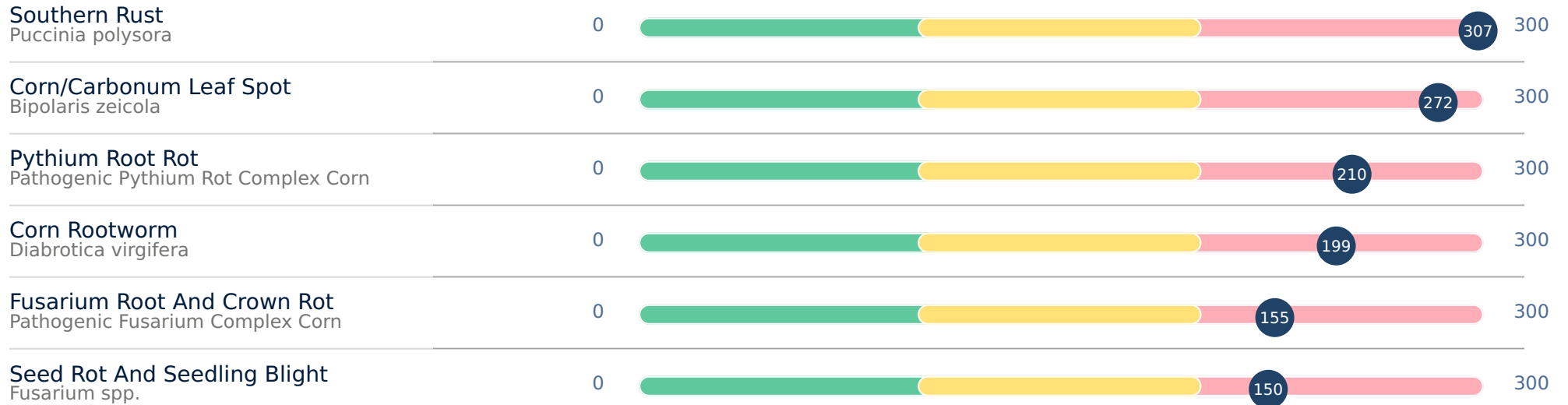


SAMPLING DATES
10/08/2024

Highest Peak Pathogen Levels

● Low
 ● Medium
 ● High
 ● Measured Value (% percentage)

North American Corn Benchmark Used



- *Other Pathogens:
- Anthracnose Leaf Blight
 - Charcoal Rot
 - Holcus Leaf Spot
 - Bacterial Leaf Streak
 - Seedling Blight And Root Rot
 - Goss's Wilt
 - Fusarium Stalk Rot
 - Aspergillus Ear Rot
 - Gibberella Ear Rot
 - Common Smut
 - Southern Leaf Blight
 - Gray Leaf Spot
 - Stewart's Bacterial Leaf Blight
 - Seedling Blight
 - Northern Corn Leaf Blight
 - Tar Spot
 - Common Rust
 - Diplodia Ear Rot And Stalk Rot

Field Average Chemistry Levels

CEC	49.5 meq/100 g
pH	5.9
Organic Matter	22.2 %

Notes



CROP
Soybean



GROWER
Maskell Growers



FARM
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FIELD
Field 4

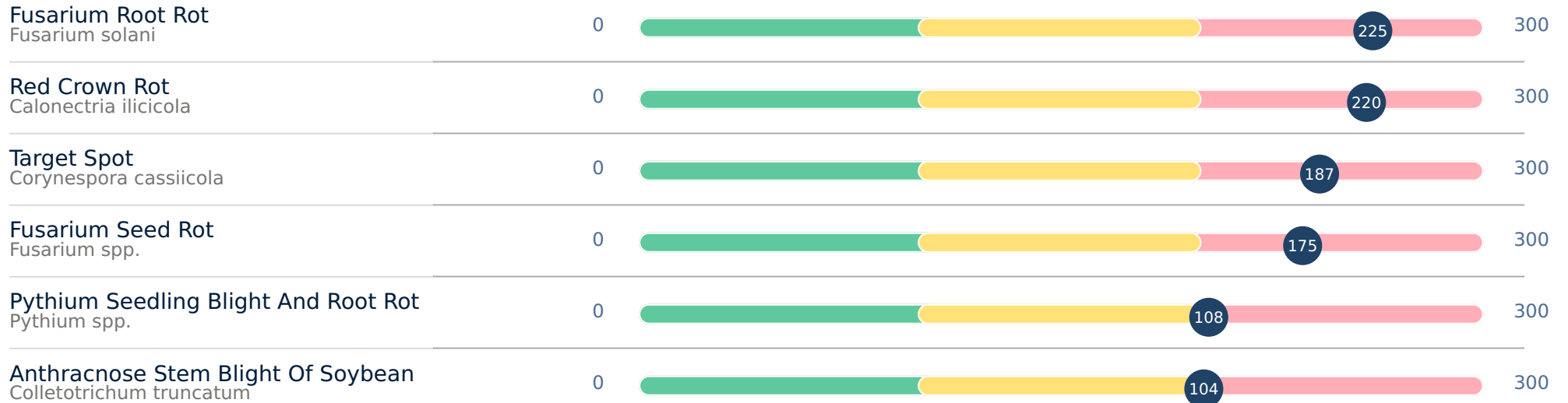


SAMPLING DATES
10/08/2024

Highest Peak Pathogen Levels

● Low
 ● Medium
 ● High
 ● Measured Value (% percentage)

North American Soybean Benchmark Used



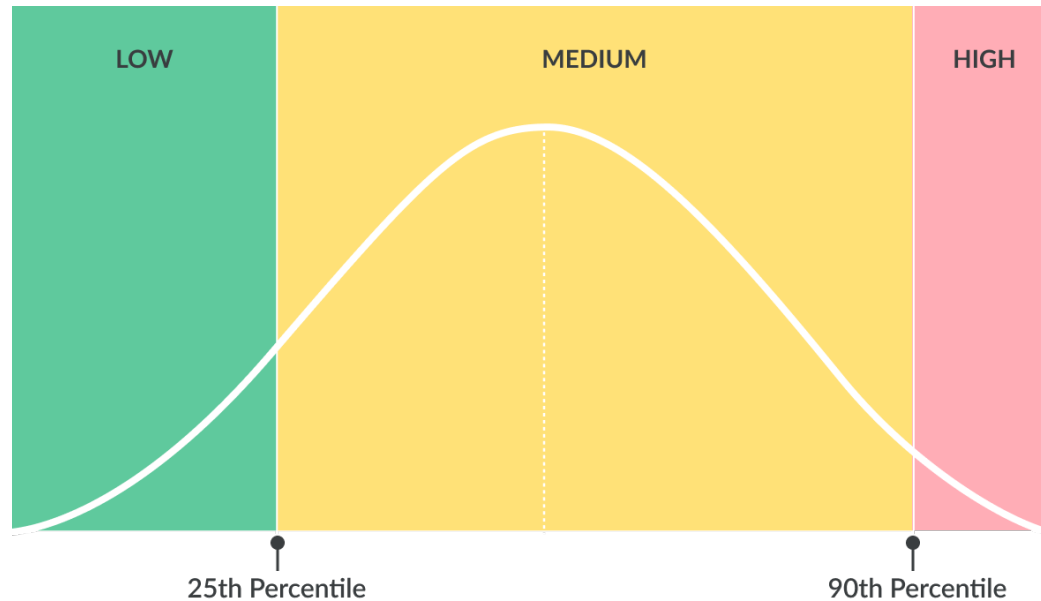
- *Other Pathogens:
- Charcoal Rot
 - Bacterial Pustule
 - Rhizoctonia Seedling Blight And Root Rot
 - Stem Canker
 - Diaporthe (Phomopsis) Seed Decay
 - Soybean Cyst Nematode
 - Brown Stem Rot
 - Cercospora Leaf Blight
 - Frogeye Leaf Spot
 - Southern Blight Of Soybeans
 - Sudden Death Syndrome
 - White Mold
 - Phytophthora Root And Stem Rot
 - Bacterial Blight

Field Average Chemistry Levels

CEC	49.5 meq/100 g
pH	5.9
Organic Matter	22.2 %

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

Samples taken from similar soil types are used to generate benchmarks for each indicator, providing context for making management decisions. At the highest level, indicators use **North American Benchmarks**. If enough samples have been collected from similar soils within a region, those indicators will be displayed with **Regional Benchmarks**. Within each of these, if the number of samples collected from a particular crop reaches a minimum threshold, those will be displayed with crop-specific benchmarks such as **Regional Corn Benchmark** or **North American Canola Benchmark**. Values above the 90th percentile value (equivalent to a Measured Value of 100%) are classified as "high", and values below the 25th percentile are classified as "low".