

WINFIELD™



WinField™ TurfTech Tool

WinField is committed to providing the tools you need to stay at the top of your game. The patent-pending WinField™ TurfTech Tool — part of the WinField Insights™ Tech Kit — combines data from the National Turfgrass Evaluation program into one convenient database, making your complex seed selection process easier. With the help of our experienced representatives, you can quickly pinpoint the best turf seed for your specific conditions.

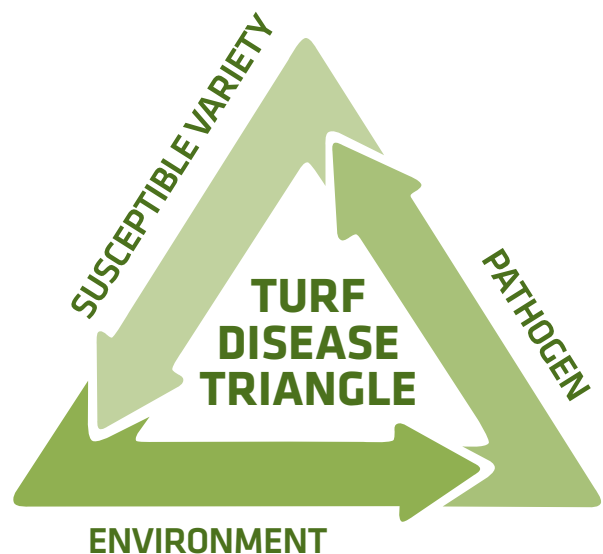
Features and Benefits

- Provides university evaluations of six turf species and more than 1,000 turf varieties
- Compares varieties based on 150 attributes
- Evaluates varieties on national, regional and state levels
- Matches the optimum turf seed to specific environmental and playing conditions

Why are turf grass varieties important?

Not all varieties are equal. Some are much more susceptible to disease pathogens, insects, weed invasion and environmental pressures, such as wear and tear. The well-known disease triangle is a useful way to depict the benefit of superior varieties. In order to have a disease, three things need to occur at the same time (1) a disease pathogen needs to be present, (2) the pathogen must have the proper environment to be expressed, (3) there must be a susceptible host for the pathogen to react with.

Take away one side of the triangle and there is no disease. Start by selecting a turf grass variety with resistance to the common disease invasions for your area.





The WinField™ TurfTech Tool can do several things to make your seed selection easier.

1. Find the highest-scoring varieties for any species for any attribute in any location.

Figure 1 shows the weighted average brown patch data for Indiana, New Jersey and Virginia in the 2006 NTEP. The WinField™ TurfTech Tool sorts all the varieties and finds those with the highest scores. It also finds those with the lowest scores that are most susceptible to brown patch disease. Thus the tool indicates which varieties to select and those to avoid.

2. Compare one seed tag to another for seed blends to determine which blend is best for your operation.

Figure 2 shows two different perennial ryegrass seed blends. Harrier, SR 4600 and Zoom are color-coded red. Attribute, Notable and Wayfarer are color-coded blue. Notice that looking across all attributes, the blend in blue has much lower scores than the blend in red — especially attributes of leaf spot and wear tolerance.

3. Compare multiple varieties across more than one attribute to determine the best performing variety.

Not all turf situations require high performance with one attribute. Many factors need to be considered.

Figure 3 looks at bentgrass scores on dollar spot and fall density for a putting green. The charting capabilities of the WinField™ TurfTech Tool make it easy to determine which bentgrass varieties will perform well on both attributes.

Figure 1

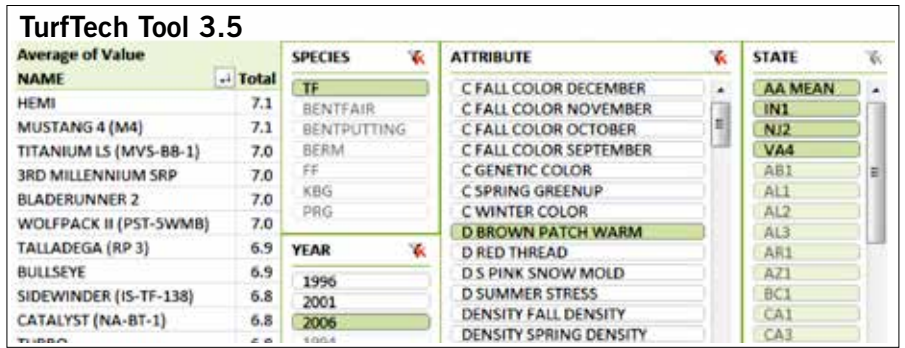


Figure 2

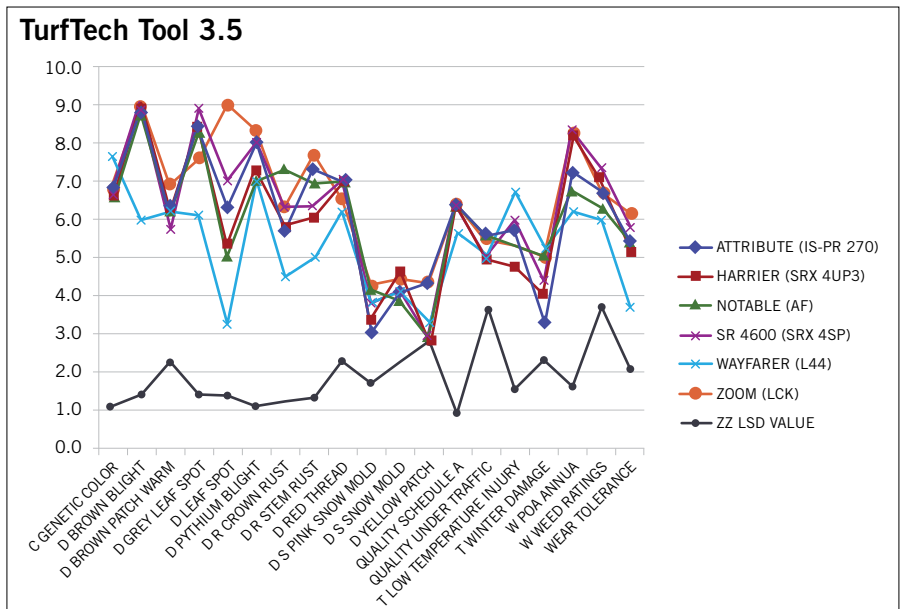


Figure 3

