

**ANNUAL PROGRESS REPORT
TO
NORTH CAROLINA SMALL GRAIN GROWERS ASSOCIATION, INC.**

TITLE: Support of the NC OVT Wheat Variety Selection Tool

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REPORT:

Thanks to the funds awarded through this proposal, the NC OVT Wheat Variety selection tool (VST) continued to be supported through 2022. Funds were applied to the quarterly maintenance fees for the tool in 2022-23, with \$570 left to be spent (see below). This will be spent out in August to complete the annual funding cycle for the wheat tool.

We made improvements to the tool in 2022 to streamline access to the overall OVT wheat yield data. Specifically, we added pre-set modules to allow growers to faster access the overall yield data within the tool (Figure 1). These modules setup the view for the grower without requiring them to select the data they want to view, while also providing flexibility to growers who have specific criteria they want to view. Additional improvements are underway by the developer to streamline the filtering modules within the tool to make them more cohesive and easier to use.

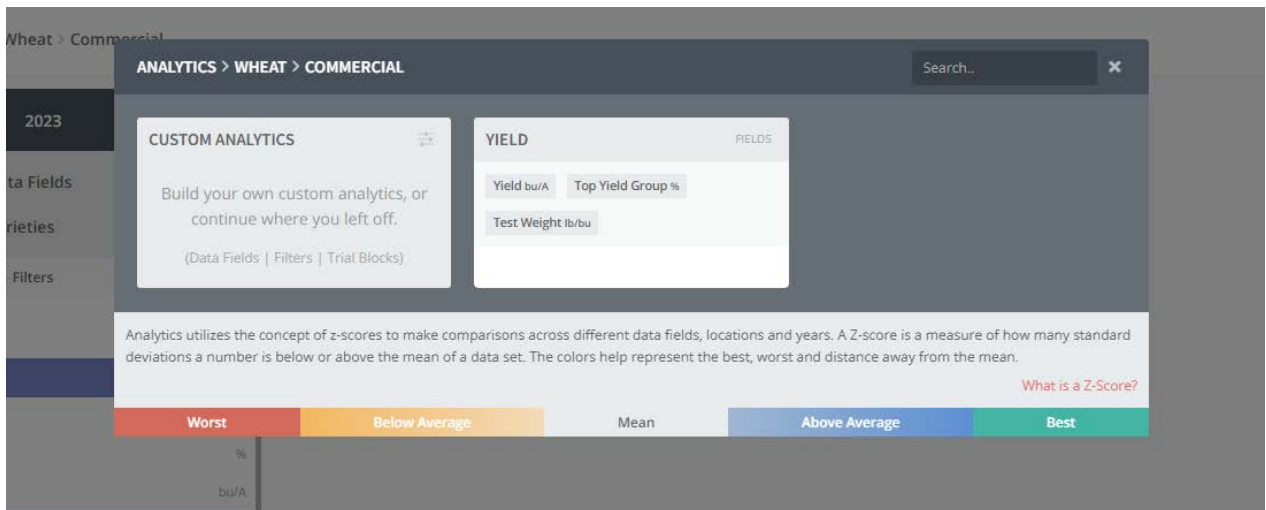


Figure 1. New pre-set modules for quick data access within the variety selection tool.

Data from 2022-23 tests were loaded by July 15, with a complete set of Leaf Rust, Powdery Mildew, and GDU to 50% heading data for ALL varieties. Efforts are currently underway to update the GDU values for prior years so that maturities are represented for all varieties within the database.

Budget / Financial Status Update:

NC Small Grain Growers Association awarded \$4,000 in support of this project during this budget period. To date, \$3,430 has been spent, as anticipated.

IMPACT STATEMENT

We have averaged 4,500 unique users of the tool over the past 2 years. This is a tremendous reach for a data tool and indicates we are delivering data to our growers through this tool. If you look at data views across the tool itself, we have increased year-over-year for the past 2 years, indicating growers are using the tool to dive into the details of variety performance that are important to their operation. (Figure 2).

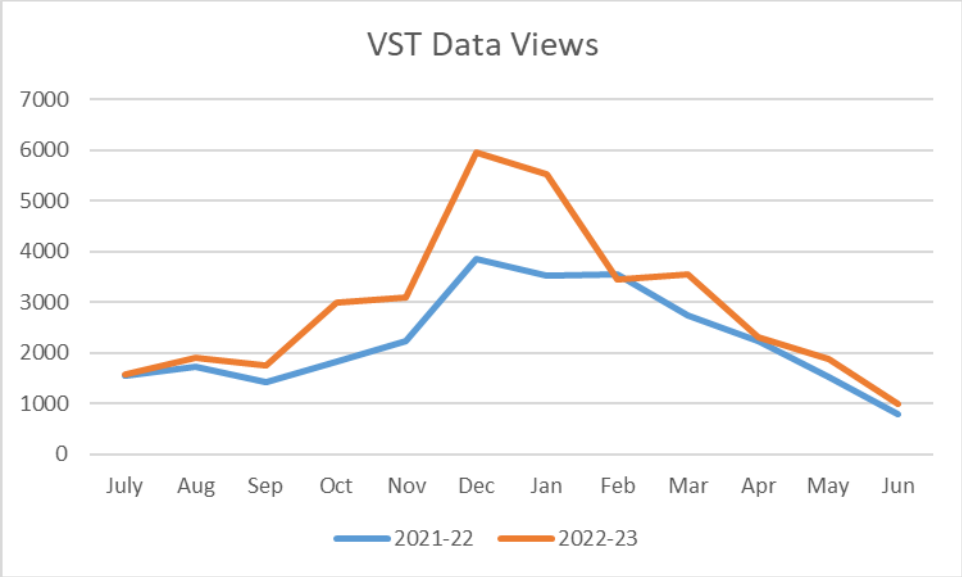


Figure 2. Variety Selection Tool data views from 2021-22 and 2022-23