

T3/Oat status update, January 2017

Clare Saied¹, David Matthews, Clay Birkett, Shiaoman Chao, Nicolas A. Tinker and Jean-Luc Jannink

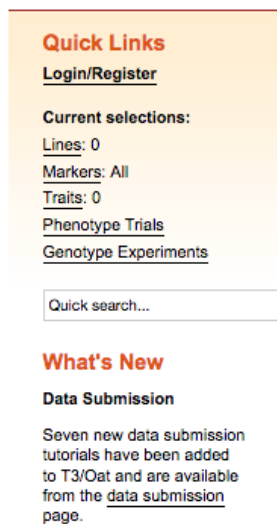
¹T3/Oat curator, Cornell University
crs298@cornell.edu

T3/Oat is the repository of oat phenotype and genotype data for the Oat Global Initiative (www.oatglobal.org) and provides flexible queries for extracting desired datasets for analysis, as well as integrated analysis tools (<http://triticeaetoolbox.org/oat/>).

2016 Uniform Oat Performance Nurseries

Data from the 2016 Uniform Oat Performance Nurseries (UOPN) have now been uploaded to T3/Oat. There are now over 815 UOPN trials stored in the database, dating back to 1996 and providing phenotypic data on over 715 lines.

Featured T3/Oat tool: Quick search



Quick Links
[Login/Register](#)

Current selections:
[Lines: 0](#)
[Markers: All](#)
[Traits: 0](#)
[Phenotype Trials](#)
[Genotype Experiments](#)

Quick search...

What's New
Data Submission
Seven new data submission tutorials have been added to T3/Oat and are available from the [data submission page](#).

Figure 1. The T3 sidebar featuring the Quick search tool

Data elements in T3 are annotated using fixed information fields as well as free text descriptions. The quick search tool (Figure 1) is located in the T3 sidebar and can be used to locate this additional information in T3.

If the search term used generates a single result, for example a single line record, marker record, phenotype trial, or genotype experiment, then the resulting database record will be shown. Multiple search results will be organized into categories.

If the search term does not generate any results, there is an option to perform a deeper search. A deeper search may generate results from the comment/description field in a database record, for example, which would not be returned following a quick search.

A summary of all of the data that are available in T3/Oat can be obtained from the “Content Status” page, which can be reached through the “About T3” menu. Please contact the curator with any suggestions or questions, or to discuss uploading data to T3/Oat; any feedback will be gratefully received.