

Weed Traits Database (WTDB) User Interface

Version: 19 August 2008.

The document can be found online at www.weedml.org/wtdb/documents.html.

Abstract

The Weed Traits Database (WTDB) is an open database residing on Internet. It provides information about weed traits and parameters for the species most important to European agriculture. WTDB is managed by the ENDURE RA4.5 Working Group but is open for research purposes for the whole scientific community. WTDB has a well-defined software interface that facilitates smooth operation with other software, such as weed simulation models.

First priority facilities

At the workshop in Budapest, December 2007, a brainstorm on the needed user interface for WTDB resulted in this prioritized list:

1. Select all records per species, crop and parameter. Export to other software should be possible.
2. Show plots of the Cousens curves.
2. Show statistics of gaps per species and parameter.
3. Evaluate robustness/reliability of parameter values: Show box-and-whiskers plots for selected species and parameters.
3. Show intra- vs. interspecific variation for any parameter.
3. Show weed phenology.