

New Features in STAVEX 5.2

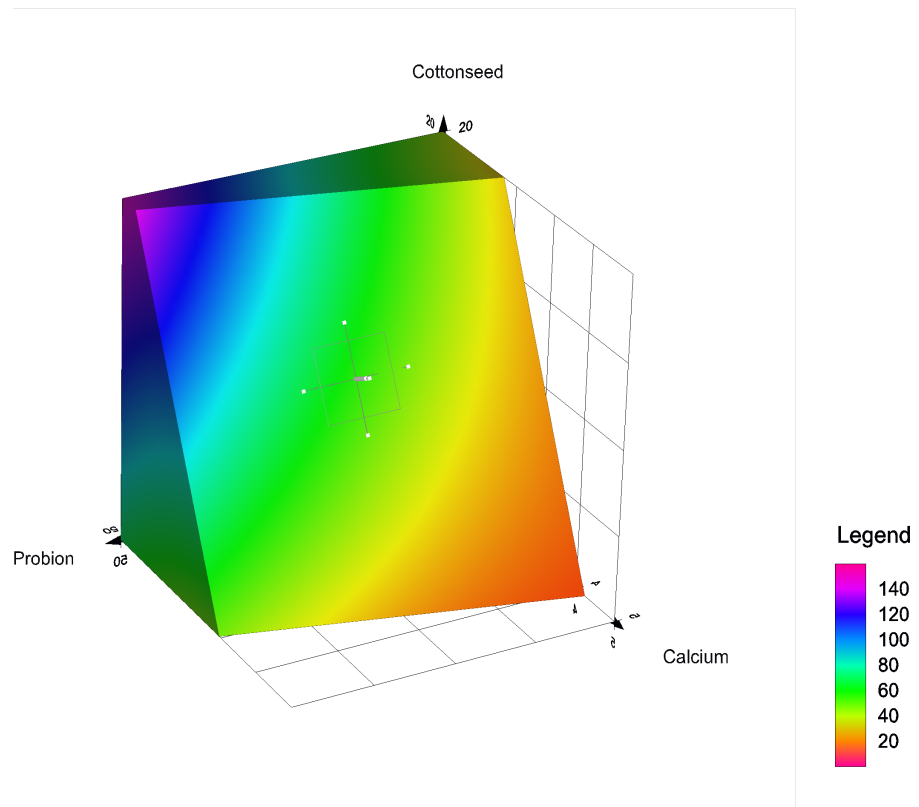


Compatibility with Windows 7, 8 and 10

The software has been globally adapted to achieve compatibility with the current versions of Windows™. For this purpose, changes have especially been performed in the graphics module, so that the difficulties with 3D plots which arose in Windows 7 with STAVEX 5.1 now belong to the past.

Export of Graphics and Printing Possibilities

All the features for exporting and printing graphics and their legend have been thoroughly reworked for STAVEX 5.2, so that the pictures are now generated with a significantly higher resolution than before. Moreover, the plots are newly always exported, respectively printed, together with their colour legend. However, it is still possible to export the colour or the text legend alone. As a consequence, it is much easier to integrate the generated plots (esp. the contour plots) into presentations and large posters.



Result of the export of a 4D plot from STAVEX 5.2

Enhanced Optimization Algorithm

The optimization algorithm that constitutes the basis of the analysis has been reworked at the mathematical level to increase the precision of the results. This improvement is on the one hand very helpful for the optimization of single response variables. On the other hand, it enables also a more exact determination of ideal process settings or product properties (e.g. an optimal formulation) in presence of several potentially contradictory optimization criteria, which happens very often in practical applications if the best compromise is searched using a desirability function.

Licensing via Internet and File Exchange

The installation procedure has been simplified and changed in such a manner that the licensing can now be achieved over the Internet. Furthermore, the licenses do not have to be entered manually any more in form of license keys, since the licensing information is compiled and sent in one comprehensive file. For the license activation you now only need to save this file.

And many minor improvements have of course been made as well!