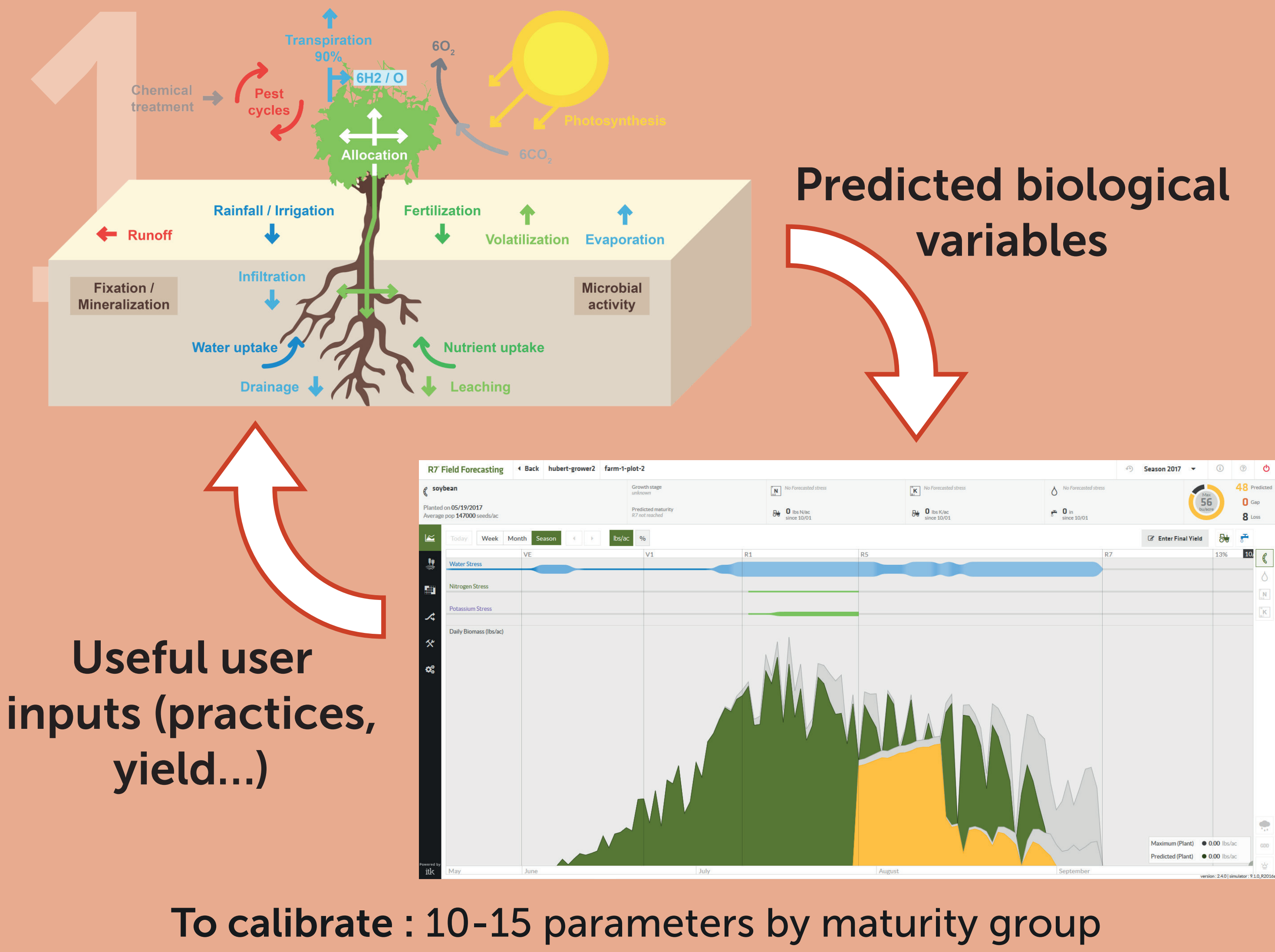


Use of MESO@LR to calibrate complex crop models

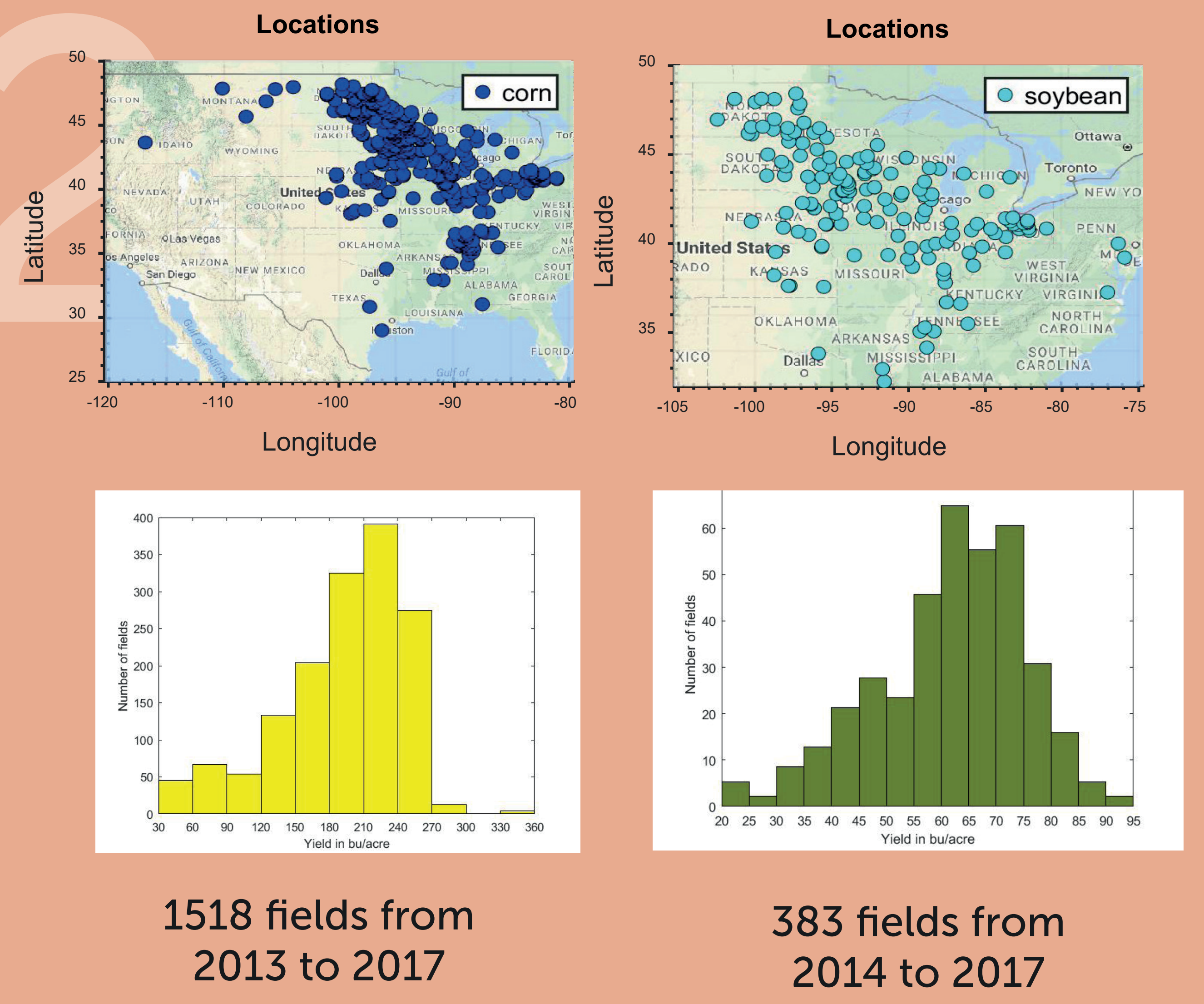
H.V. Varella, J. Radoszycki, A. Pinet, K. Bezzou, V. Migault, S. Zaka, P. Moreau

www.itk.fr

1. Crop models integrated into Web decision tools

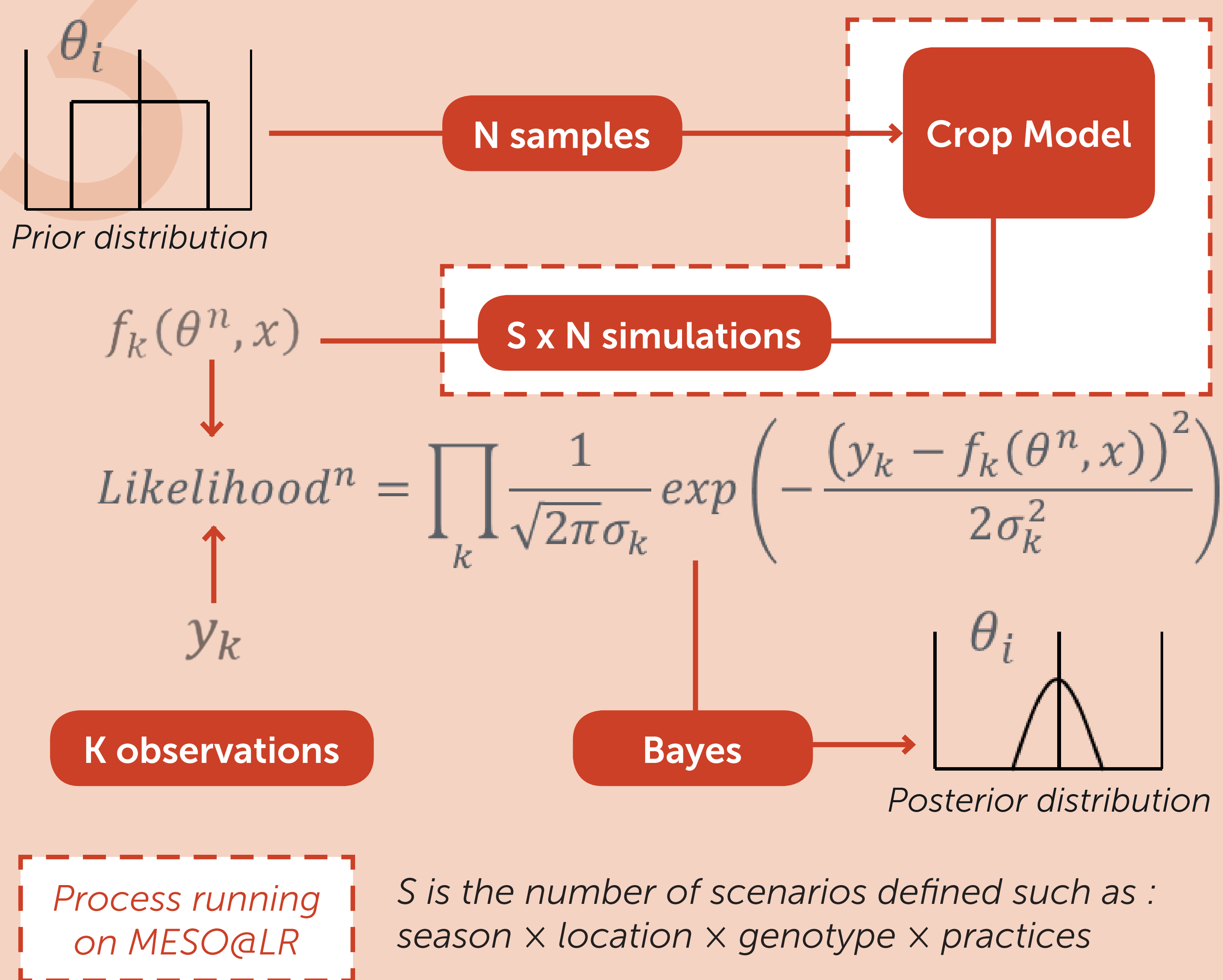


2. Brief description of the datasets used

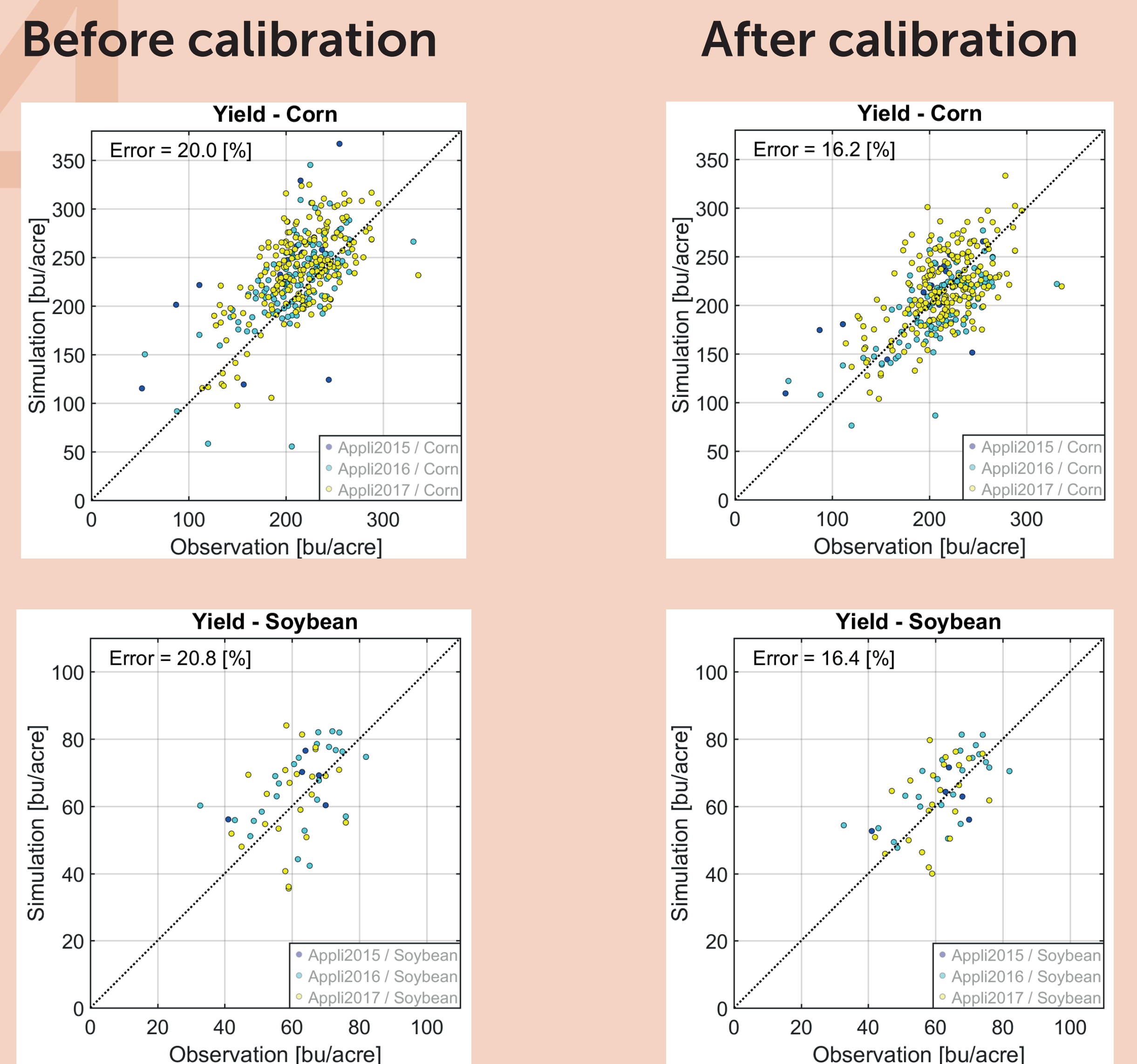


3. GLUE method based on model simulations

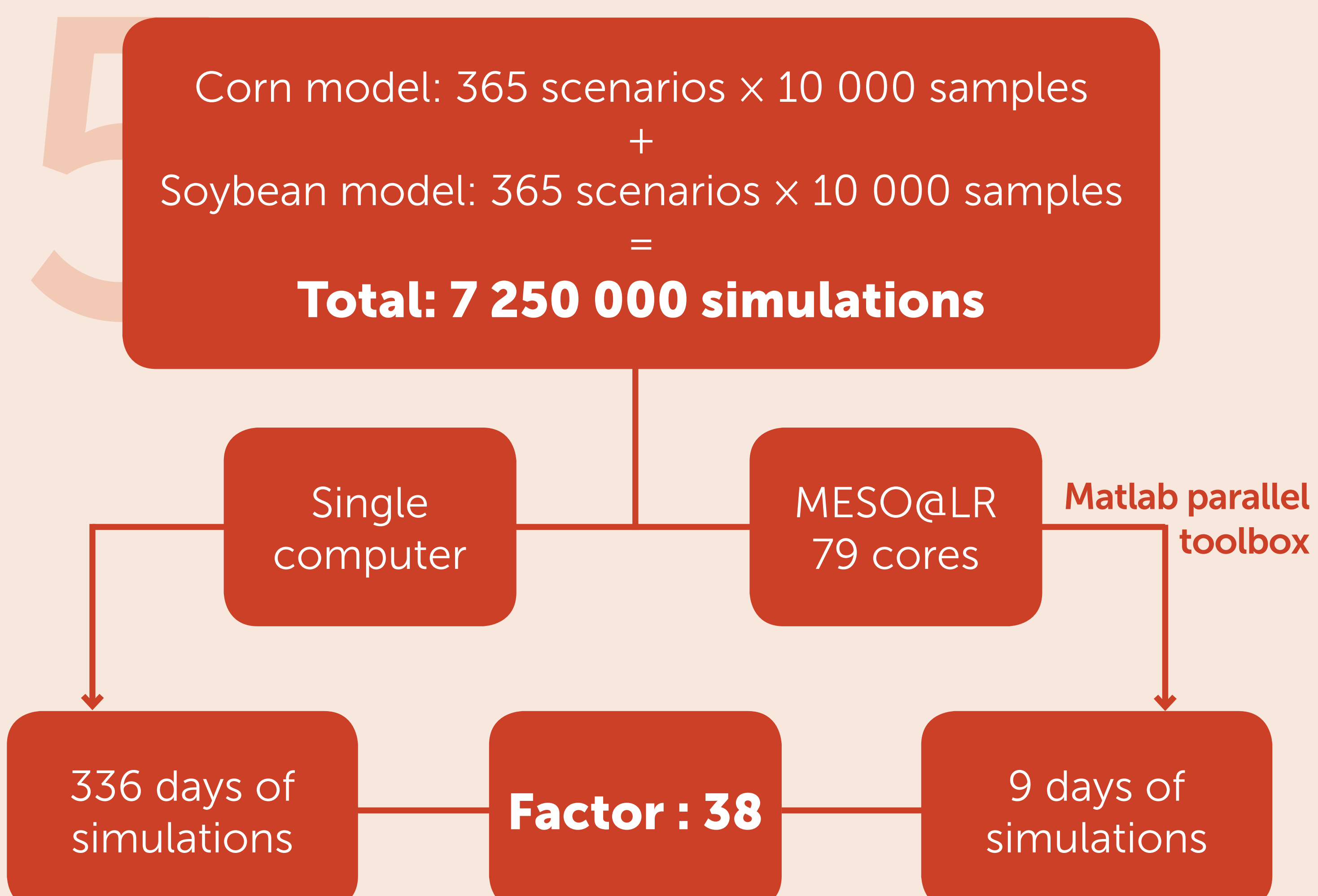
K. Beven and A. Binley, *Hydrological Processes* 6 (1992) 279-298



4. Great results for yield on independant datasets



5. Computational time for model simulations



6. Some conclusions and perspectives of the work

Conclusions :

- We are very satisfied about the model calibration results
- We are happy about the computation time gain
- We wonder how to improve this gain

Perspectives :

- To have a git versioning of our code on the server
- To test Matlab MDCS toolbox (use of several nodes)
- To implement and run the full process of the GLUE method on the server (not only the simulations)