

## Aberystwyth University

### *Fructan synthesis, accumulation, and polymer traits I*

Gallagher, Joe A.; Cairns, Andrew J.; Thomas, David; Charlton, Adam; Williams, Peter; Turner, Lesley B.

*Published in:*  
Frontiers in Plant Science

*DOI:*  
[10.3389/fpls.2015.00486](https://doi.org/10.3389/fpls.2015.00486)

*Publication date:*  
2015

*Citation for published version (APA):*  
Gallagher, J. A., Cairns, A. J., Thomas, D., Charlton, A., Williams, P., & Turner, L. B. (2015). Fructan synthesis, accumulation, and polymer traits I: Festulolium chromosome substitution lines. *Frontiers in Plant Science*, 6(JULY), Article 486. <https://doi.org/10.3389/fpls.2015.00486>

#### **Document License** CC BY

#### **General rights**

Copyright and moral rights for the publications made accessible in the Aberystwyth Research Portal (the Institutional Repository) are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the Aberystwyth Research Portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the Aberystwyth Research Portal

#### **Take down policy**

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

tel: +44 1970 62 2400  
email: [is@aber.ac.uk](mailto:is@aber.ac.uk)

## Supporting Information

**Figure S1.** Meteorological data. Maximum (solid line) and minimum (dashed line) daily temperature (°C) over the growing season from the Institute on-site meteorological station.

**Figure S2.** Size calibration of Dionex HPAEC-PAD using inulin ( $\beta$ 2,1-linked) oligo- and poly-saccharides in the range of DP3 to DP75 with the fitted 4th order polynomial  $y = 0.00016x^4 - 0.00975x^3 + 0.24805x^2 - 2.28658x + 9.99361$ ;  $r^2 = 0.9998$ .

Figure S1

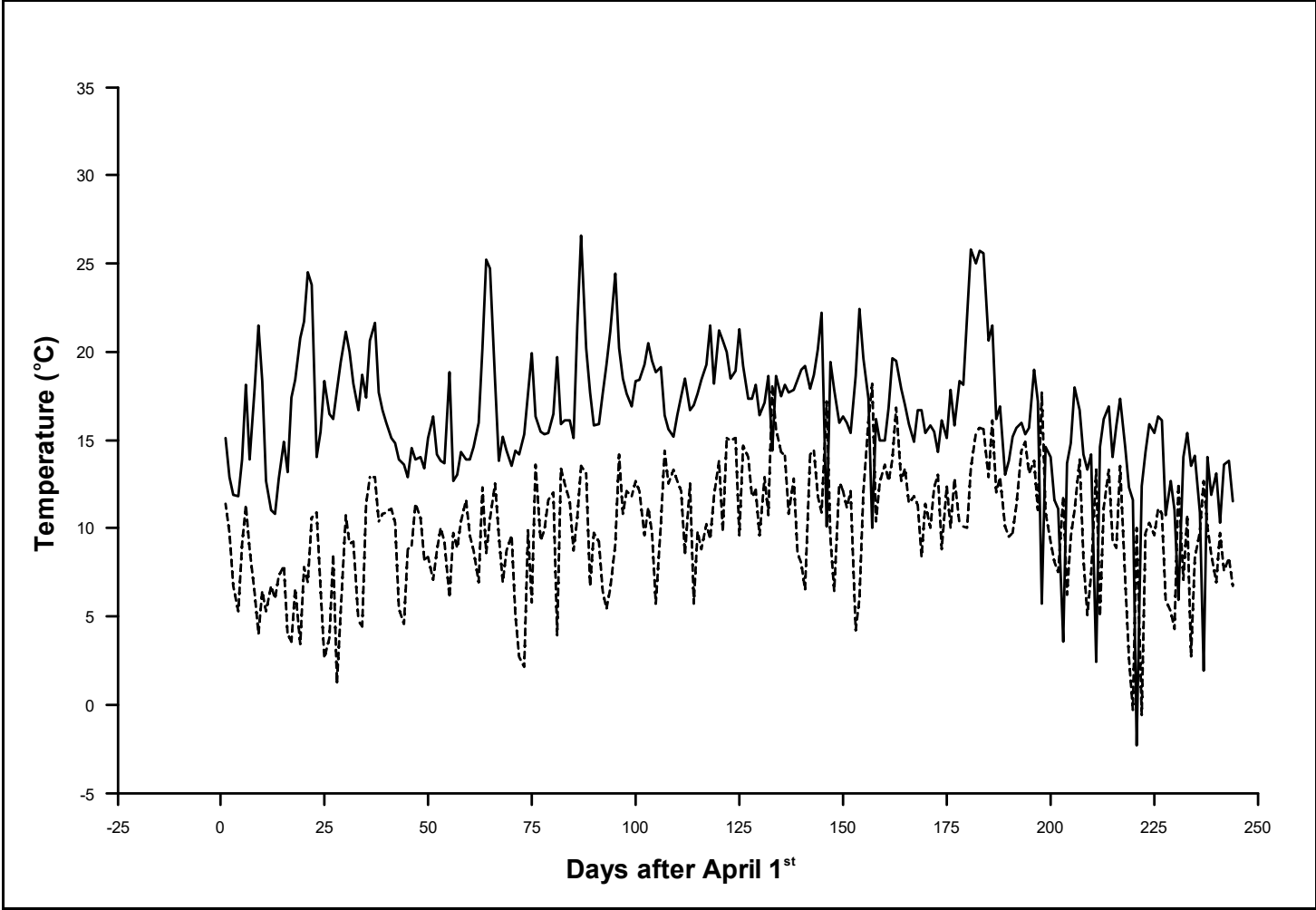


Figure S2

