10.1071/FPv39n11toc

Functional Plant Biology

Contents

Volume 39 Issue 10–11 2012

Special Issue: Plant Phenotyping

Cover illustration: (from left to right) 1. NMR image of a *Beta vulgaris* plant grown for 48 days in a pot with a volume of 1.3 L. Roots in the inner 50% of the soil volume (furthest away from wall and bottom) are colour-coded yellow, roots in the outer 50% blue. The developing storage root is colour-coded red (Poorter *et al*. pp. 839–850). 2. A *Beta vulgaris* beet analysed with MRI–PET. The colour code indicates transport of C11 marked assimilates to the roots (for details see Jahnke *et al*. 2009, *Plant Journal* **59**, 634–644). 3. Colour-coded images with main roots (in green) and lateral roots (in red) of an *Arabidopsis thaliana* (Nagel *et al*. pp. 891–904). 4. NMR image of a *Hordeum vulgare* plant grown for 44 days in a pot with a volume of 1.3 L. Roots in the inner 50% of the soil volume (furthest away from wall and bottom) are colour-coded yellow, roots in the outer 50% blue. The stem part that was masked from the analysis is shown in red (Poorter *et al*. pp. 839–850).
