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Functional Plant Biology

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Cover illustration: Plot size matters: Competition arising from differences in plant height, maturity and tillering ability will advantage some genotypes over others in small plots and single rows (see Rebetzke *et al*. pp. 107–118). This competition bias is reduced in larger plots where border rows can be removed. (Left) Single rows of different genotypes within the same population varying for height, tillering-ability and ear morphology. (Right) Same genotype in a 10-row plot illustrating the ‘sunken-loaf’ appearance, and the increased grain yield of outer rows. Values indicate the row yield relative to the inner rows. Note the high yield of the border row in this drought-affected experiment.