

Grain
ARTICLE

Z. Akter, N.Z. Lupwayi, and P.M. Balasubramanian

610–619 Nitrogen use efficiency of irrigated dry bean (*Phaseolus vulgaris* L.) genotypes in southern Alberta

Molecular Biology
ARTICLES

X. Li, Y. Gao, Q. Jian, Z. Zhang, S. Liu, F. Chen,
and J. Zhang

569–579 Ferric reduction oxidase 2 gene from *Pyrus betulifolia* Bunge is regulated by iron deficiency and auxin

L. Li, Q. Wang, R. Deng, S. Zhang, and Y. Lu

580–593 Transcriptome profiling of blue leaf coloration in *Selaginella uncinata* (Desv. ex Poir.)

J. Hou, Z. Guo, H. Liu, and T. Yin

594–600 Gender effects on *Salix suchowensis* Cheng ex Zhu. growth and wood properties as revealed by a full-sib pedigree

C. Li, C. Zhang, T. Rong, Y. Lu, J. Wang, H. Lan,
and M. Cao

665–673 Insight into the maize CMS-associated mitochondrial–nuclear interaction at the DNA methylation level

M.-L. Yang, J.-J. Ding, H.-Y. Li, M.-N. Sui,
and J.-A. Wang

674–683 Identification of QTL underlying soybean agglutinin content in soybean seeds and analysis for epistatic effects among multiple genetic backgrounds and environments

Z. Coleman, J. Boelter, K. Espinosa, A.S. Goggi,
R.G. Palmer, and D. Sandhu

684–691 Isolation and characterization of the aconitate hydratase 4 (*Aco4*) gene from soybean

**Fruit
ARTICLES**

- J.A. Cline 601–609 Prohexadione-Ca and ethephon suppress shoot growth of sweet cherry [*Prunus avium* (L.) L.]
- J.A. Cline 632–644 Interactive effects of 6-BA, GA₄₊₇, and prohexadione-calcium on Gala apples

**Ornamental
ARTICLE**

- X. Jin, W.-B. Liao, J.-H. Yu, P.-J. Ren, M.M. Dawuda, M. Wang, L.-J. Niu, X.-P. Li, and X.-T. Xu 620–631 Nitric oxide is involved in ethylene-induced adventitious rooting in marigold (*Tagetes erecta* L.)

**Weed Science
ARTICLES**

- R. Yadav, M.S. Bhullar, S. Kaur, T. Kaur, and A.J. Jhala 654–664 Weed control in conventional soybean with pendimethalin followed by imazethapyr + imazamox/quizalofop-*p*-ethyl
- D. Sarangi and A.J. Jhala 702–714 Response of glyphosate-resistant horseweed [*Conyza canadensis* (L.) Cronq.] to a premix of atrazine, bicyclopyrone, mesotrione, and S-metolachlor

**Other
ARTICLES**

- E. Ebrahimi, H.-P. Kaul, R.W. Neugschwandtner, and A. Dabbagh Mohammadi Nassab 557–568 Productivity of wheat (*Triticum aestivum* L.) intercropped with rapeseed (*Brassica napus* L.)
- W.E. Riedell and S.L. Osborne 645–653 Row and forage crop rotation effects on maize mineral nutrition and yield
- D. Zhao, B. Zhang, W. Chen, B. Liu, L. Zhang, H. Zhang, and D. Liu 692–701 Comparison of zinc, iron, and selenium accumulation between synthetic hexaploid wheat and its tetraploid and diploid parents
- T.E. Lychuk, A.P. Moulin, R.L. Lemke, B.D. Gossen, J.Y. Leeson, A. Kirk, E.N. Johnson, O.O. Olfert, S.A. Brandt, and A.G. Thomas 715–730 Effects of crop inputs, diversity, environment, and terrain on yield in an 18-yr study in the semi-arid Canadian Prairies

**Cultivar Description
CULTIVAR DESCRIPTION**

- W. Yan, A. McElroy, J. Fregeau-Reid, A. Xue, K. Jakubinek, B. deHaan, S. Thomas, and D. Sibbit 731–735 AAC Bullet oat