

**Grain**  
ARTICLES

- K.N. Harker, J.T. O'Donovan, E.G. Smith,  
E.N. Johnson, G. Peng, C.J. Willenborg,  
R.H. Gulden, R.M. Mohr, K.S. Gill, J.D. Weber,  
and G. Issah**      **438–448**      Canola growth, production, and quality are influenced by seed size and seeding rate
- M.S. Thilakarathna, K. Janovicek, P. Johnson,  
D. Falk, A. Navabi, and B. Deen**      **486–493**      Frost seeding increases spring cereal yield
- D.J. Cattani**      **516–524**      Selection of a perennial grain for seed productivity across years: intermediate wheatgrass as a test species

**Molecular Biology**  
ARTICLE

- W. Li, A.I. Mallano, L. Bo, T. Wang, Z. Nisa,  
and Y. Li**      **501–515**      Soybean transcription factor *GmNFYB1* confers abiotic stress tolerance to transgenic *Arabidopsis* plants

**Fruit**  
ARTICLE

- J.A. Cline and C.J. Bakker**      **457–465**      Prohexadione-calcium, ethephon, trinexapac-ethyl, and maleic hydrazide reduce extension shoot growth of apple

**Weed Science**  
SHORT COMMUNICATION

- N. Soltani, L.R. Brown, and P.H. Sikkema 408–410 Control of glyphosate-resistant Canada fleabane in soybean with preplant herbicides

ARTICLE

- L. Ma and M.K. Upadhyaya 494–500 Effects of red/far-red light ratio on common lamb's-quarters, red-root pigweed, and tomato plants

**Application of Technology**  
SHORT COMMUNICATION

- D.J. Perry and S.-J. Lee 403–407 Durum wheat variety identification by OpenArray analysis

**Other**  
ARTICLES

- M.A. Rojas, L.L. Van Eerd, I.P. O'Halloran, P.H. Sikkema, and D.E. Robinson 411–423 Effect of herbicide residues on fall-seeded cover crops influence soil aggregate stability and mineral N
- P. Asgarinia, A. Mirlohi, G. Saeidi, A.A. Mohamadi Mirik, M. Gheysari, and V.S. Razavi 424–437 Selection criteria for assessing drought tolerance in a segregating population of flax (*Linum usitatissimum* L.)
- X. Yan, J. Li, W. Guo, X. Liu, L. Zhang, and Y. Dong 449–456 Phenotypic traits and diversity of different 100-seed weight accessions of wild soybean (*Glycine soja* Sieb. & Zucc.) in China
- Y. Kong and Y. Zheng 466–472 Variation of sodium uptake rate in *Suaeda glauca* (Bunge) and its relation to plant size and salt acclimation
- J. Lafond, D.A. Angers, D. Pageau, and J. Lajeunesse 473–485 Sustainable cereal and forage production in dairy-based cropping systems
- N.E.A. Nimir, G. Zhou, W. Guo, B. Ma, S. Lu, and Y. Wang 525–535 Effect of foliar application of GA<sub>3</sub>, kinetin, and salicylic acid on ions content, membrane permeability, and photosynthesis under salt stress of sweet sorghum [*Sorghum bicolor* (L.) Moench]

**Cultivar Description**  
CULTIVAR DESCRIPTIONS

- K. Yu, L. Woodrow, C.M. Shi, D. Anderson, and V. Poysa 536–538 Registration of 7S  $\beta$ -conglycinin  $\alpha'$  and 11S glycinin A4 null food-grade soybean germplasm, HS-162
- W.G. Legge, A. Badea, J.R. Tucker, T.G. Fetch, Jr., S. Haber, J.G. Menzies, A. Tekauz, T.K. Turkington, R.A. Martin, T.M. Choo, B.A. Blackwell, and M.E. Savard 539–548 AAC Connect barley
- R.D. Cuthbert, R.M. DePauw, R.E. Knox, A.K. Singh, and T.N. McCaig 549–555 AAC Ryley Canada Prairie Spring Red wheat