

	<b>ARTICLES</b>	
<p><b>M.A. Hamel and G. Saindon</b></p> <p style="text-align: right;"><b>B. Deen</b></p> <p><b>V. Vujanovic and J.J. Germida</b></p> <p><b>K. Tanino, I.R. Willick, K. Hamilton, P. Vijayan, Y. Jiang, G.S. Brar, P. Yu, L. Kalcsits, R. Lahlali, B. Smith, D. Brian Fowler, R. Kutcher, R. Bueckert, T. Warkentin, and C. Karunakaran</b></p> <p style="text-align: center;"><b>Regular papers</b></p> <p><b>J.T. O'Donovan, M.S. Izydorczyk, B. Tidemann, M.J. Edney, T.K. Turkington, C.A. Grant, K.N. Harker, and Y. Gan</b></p> <p><b>C.D. Caldwell, D. MacDonald, Y. Jiang, M.A. Cheema, and J. Li</b></p>	<p><b>957–963</b></p> <p><b>964–971</b></p> <p><b>972–981</b></p> <p><b>982–996</b></p>	<p>Shaping Canadian agriculture — a reflection on the future role of agronomists in Canadian agriculture</p> <p>Biomass for biofuel: understanding the risks and opportunities for Ontario agriculture</p> <p>Seed endosymbiosis: a vital relationship in providing prenatal care to plants</p> <p>Chemotyping using synchrotron mid-infrared and X-ray spectroscopy to improve agricultural production</p> <p style="text-align: center;"><b>Articles ordinaires</b></p> <p style="text-align: center;"><b>Grain</b></p> <p style="text-align: center;"><b>ARTICLES</b></p> <p><b>1014–1023</b></p> <p><b>1036–1045</b></p>
		<p>Effect of preceding crop and nitrogen application on malting barley quality</p> <p>Effect of fungicide combinations for <i>Fusarium</i> head blight control on disease incidence, grain yield, and quality of winter wheat, spring wheat, and barley</p>

J.G. Robins, K.B. Jensen, and B. Shaun Bushman 999–1003 Variation and best linear unbiased predictors in a novel source of orchardgrass germplasm with increased winter hardiness

### Molecular Biology

#### ARTICLES

J.Y. Kim, J.T. Song, and H.S. Seo 1068–1074 The enhancer of zeste gene *OsiEZI* is involved in ligule and seed development in rice

Q. Chen, H. Qi, X. Zhang, W. Li, M. Hou, R. Zhu, Z. Yin, X. Han, H. Jiang, C. Liu, Z. Hu, J. Wang, Y. Zhang, G. Hu, X. Wu, D. Xin, and Z. Qi 1090–1099 SNP–SNP interaction analysis of soybean protein content under multiple environments

Y. Gao, Y. Gao, M. Fan, L. Yuan, Z. Wu, and Q. Zhang 1130–1139 Overexpression of *Chrysanthemum morifolium SVP* gene delays blossoming and regulates inflorescence architecture in transgenic *Arabidopsis*

### Weed Science

#### ARTICLES

N. Soltani, C. Shropshire, and P.H. Sikkema 1024–1029 Biologically effective rate of halosulfuron applied after emergence in corn

M.G. Schryver, N. Soltani, D.C. Hooker, D.E. Robinson, P.J. Tranel, and P.H. Sikkema 1057–1067 Glyphosate-resistant waterhemp (*Amaranthus tuberculatus* var. *rudis*) in Ontario, Canada

D. Sarangi and A.J. Jhala 1075–1089 Biologically effective rates of a new premix (atrazine, bicyclopyrone, mesotrione, and S-metolachlor) for preemergence or postemergence control of common waterhemp [*Amaranthus tuberculatus* (Moq.) Sauer var. *rudis*] in corn

Z.A. Ganie, M. Jugulam, V.K. Varanasi, and A.J. Jhala 1140–1151 Investigating the mechanism of glyphosate resistance in a common ragweed (*Ambrosia artemisiifolia* L.) biotype from Nebraska

T.B. Cholette, N. Soltani, D.C. Hooker, D.E. Robinson, and P.H. Sikkema 1175–1184 Effect of soybean and winter wheat herbicides on oilseed radish establishment and growth

### Application of Technology

#### ARTICLE

P.M.A. Toivonen, A. Batista, and B. Lannard 1030–1035 Development of a predictive model for ‘Lapins’ sweet cherry dry matter content using a visible/near-infrared spectrometer and its potential application to other cultivars

#### Other

#### ARTICLES

B. Pokhrel, J.N. Sorensen, H.L. Kristensen, and K.K. Petersen 1004–1013 Nutrient availability, photosynthesis, and growth of parsley fertigated with chicken manure extract and lupin sap

J. Boulanger-Pelletier and L. Lapointe 1046–1056 Fertilization stimulates root production in cloudberry rhizomes transplanted in a cutover peatland

J. Li, J. Yang, D. Liu, R. Huang, S. Sui, M. Li, and Q. Zhang 1100–1108 Isolation and characterization of plant *TAF9*, an orthologous gene for TATA-binding protein-associated factor 9, from wintersweet (*Chimonanthus praecox*)

W. El Kayal, I. El-Sharkawy, C. Dowling, G. Paliyath, J.A. Sullivan, and J. Subramanian 1109–1120 Effect of preharvest application of hexanal and growth regulators in enhancing shelf life and regulation of membrane-associated genes in strawberry

C. Yang, R. Bueckert, J. Schoenau, A. Diederichsen, H. Zakeri, and T.D. Warkentin 1121–1129 Evaluation of growth and nitrogen fixation of pea nodulation mutants in western Canada

Q. Jing, T. Huffman, J. Shang, J. Liu, E. Pattey, M. Morrison, G. Jégo, and B. Qian 1152–1164 Modelling soybean yield responses to seeding date under projected climate change scenarios