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Grain ARTICLE

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852–864

Soil residual water and nutrients explain about 30% of the rotational effect in 4-yr pulse-intensified rotation systems

Molecular Biology ARTICLES

L. Zhang, L. Sun, L. Zhang, H. Qiu, C. Liu,
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816–826

A Cu/Zn superoxide dismutase gene from *Saussurea involucreata* Kar. & Kir., *SiCSD*, enhances drought, cold, and oxidative stress in transgenic tobacco

Y. Han, Y. Zhang, D. Wu, X. Zhao, W. Teng,
D. Li, and W. Li

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P. Hucl, and R.N. Chibbar

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L. Wu, M. Yu, J. Holowachuk, A. Sharpe,
D. Lydiate, D. Hegedus, and M. Gruber

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Overexpression of *Brassica napus* myrosinase-associated protein 1 improved *Sclerotinia sclerotiorum* tolerance in *Arabidopsis thaliana*

Fruit ARTICLE

M.U. Rehman, G.H. Rather, Y. Gull,
M.M. Mir, and I. Umar

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Ornamental REVIEWS

R. Carew, W.J. Florkowski, and T. Meng

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Intellectual property rights and plant variety protection of horticultural crops: evidence from Canada

Z. Li, R. Van Acker, D. Robinson,
N. Soltani, and P. Sikkema

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- I. Ahmad, N. Jabeen, K. Ziaf, J.M. Dole, M.A.S. Khan, and M.A. Bakhtavar 906–916 Macronutrient application affects morphological, physiological, and seed yield attributes of *Calendula officinalis* L.

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ARTICLE

- R.W. Jones and F.G. Perez 917–922 A second set of XEGIP-encoding genes resides on chromosome 8 of potato and tomato

Weed Science

SHORT COMMUNICATION

- N. Soltani, A.J. Jhala, C. Shropshire, and P.H. Sikkema 771–774 Biologically effective rate of metribuzin for glyphosate-resistant Canada fleabane control in soybean

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- M. Serajchi, M.P. Schellenberg, and E.G. Lamb 881–890 The potential of seven native North American forage species to suppress weeds through allelopathy
- M.G. Underwood, N. Soltani, D.C. Hooker, D.E. Robinson, J.P. Vink, C.J. Swanton, and P.H. Sikkema 891–901 Benefit of tank mixing dicamba with glyphosate applied after emergence for weed control in dicamba- and glyphosate-resistant soybean

Other

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- J. Nyiraneza, B. Bizimungu, A.J. Messiga, K.D. Fuller, S.A.E. Fillmore, and Y. Jiang 784–795 Potato yield and phosphorus use efficiency of two new potato cultivars in New Brunswick, Canada
- C. Wei, Q. Cui, L. Yuan, and G.-X. Jia 796–807 Efficient *Agrobacterium tumefaciens* (Smith & Towns.) Conn-mediated transformation of *Lilium* ‘Sorbonne’ with genes encoding anthocyanin regulators
- Y. Sun, L. Fu, L. Chen, X. Wang, Y. Song, and Z. Li 808–815 Characterization of two winter wheat varieties’ responses to freezing in a frigid region of the People’s Republic of China
- K. Afridi, N.U. Khan, F. Mohammad, S.J.A. Shah, S. Gul, I.A. Khalil, M. Sajjad, S. Ali, I. Ali, and S.M. Khan 865–880 Inheritance pattern of earliness and yield traits in half-diallel crosses of spring wheat

Cultivar Description

CULTIVAR DESCRIPTIONS

- W. Yan, A. McElroy, J. Fregeau-Reid, R. Martin, D. Pageau, A. Xue, K. Jakubinek, B. deHaan, S. Thomas, D. Sibbit, and A. Cumiskey 923–927 AAC Richmond oat
- W. Yan, J. Fregeau-Reid, R. Martin, D. Pageau, A. Xue, K. Jakubinek, B. deHaan, S. Thomas, M. Hayes, and A. Cumiskey 928–934 AAC Noranda oat
- W. Yan, J. Fregeau-Reid, R. Martin, D. Pageau, A. Xue, K. Jakubinek, B. deHaan, S. Thomas, M. Hayes, D. Sibbit, and A. Cumiskey 935–938 AAC Blake oat
- A. Badea, M.C. Therrien, and O.M. Lukow 939–942 Roseland hullless food barley
- W. Yan, A. McElroy, J. Fregeau-Reid, R. Martin, D. Pageau, A. Xue, K. Jakubinek, B. deHaan, S. Thomas, D. Sibbit, and A. Cumiskey 943–949 AAC Almonte oat
- R.D. Cuthbert, R.M. DePauw, R.E. Knox, A.K. Singh, T.N. McCaig, B. McCallum, and T. Fetch 950–955 AAC NRG097 Canada Western Special Purpose spring wheat