

Grain
SHORT COMMUNICATION

N.H. Zelt and D.J. Schoen

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Testing for heterosis in traits associated with seed yield in
Camelina sativa

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Y. Abu, J.T. Romo, Y. Bai, and B. Coulman

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Priming seeds in aqueous smoke solutions to improve seed
germination and biomass production of perennial forage species

**Vern S. Baron, Duane McCartney, A. Campbell Dick,
Adele J. Ohama, John A. Basarab, and Raquel R. Doce**

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Swath-grazing oat or grazing stockpiled perennial grass compared
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Alberta

Molecular Biology
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Houcheng Zhou, Gang Li, and Xia Zhao

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Comparative analysis of pectate lyase in relation to softening in
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**Jennifer R. DeEll, Geoffrey B. Lum,
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**Melissa Quinche Gonzalez, Annie Pellerin,
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- Kyungseok Park, Yong-Soon Park, Jamal Ahamed, Swarnalee Dutta, Hojin Ryu, Seo-Hyun Lee, Kotnala Balaraju, Maniruzzaman Manir, and Surk-Sik Moon** 564–570 Elicitation of induced systemic resistance of chili pepper by iturin A analogs derived from *Bacillus vallismortis* EXTN-1
- Mohamed Abdelhalim, Odd Arne Rognli, Ingerd Skow Hofgaard, Liv Østrem, and Anne Marte Tronsmo** 579–589 Snow mould resistance under controlled conditions and winter survival in the field in populations of perennial ryegrass, meadow fescue, and *Festulolium* are partly dependent on ploidy level and degree of northern adaptation

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- Angela Hughes, Scott N. White, Nathan S. Boyd, Paul Hildebrand, and G. Christopher Cutler** 590–596 Red sorrel management and potential effect of red sorrel pollen on *Botrytis cinerea* spore germination and infection of lowbush blueberry (*Vaccinium angustifolium* Ait.) flowers
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- K.J. Mahoney, K.E. McNaughton, and P.H. Sikkema** 657–661 Herbicide tank mixtures to control co-existing glyphosate-resistant Canada fleabane and giant ragweed in soybean
- S. Chakraborty, S.Z.H. Cici, J. Todd, C. Loucks, and R.C. Van Acker** 677–688 Exploring the weed biology of two potentially novel oilseed crops: *Euphorbia lagascae* and *Centrapalus pauciflorus*

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- Ricki Rathwell, Mukund R. Shukla, A. Maxwell P. Jones, and Praveen K. Saxena** 571–578 In vitro propagation of cherry birch (*Betula lenta* L.)

Other

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- Solange Ferreira da Silveira Silveira, Danyela de Cássia da Silva Oliveira, Daiana Doring Wolter, Henrique de Souza Luche, Victoria Freitas de Oliveira, Ricardo Figueiredo, Cristiano Stülp, Henrique Pasquetti Carbonari, Maraisa Crestani Hawerth, Luis Carlos Gutkoski, Luciano Carlos da Maia, and Antônio Costa de Oliveira** 530–538 Performance of white oat cultivars for grain chemical content
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Effectiveness of the field selection parameters on potato yield in Atlantic Canada

Cultivar Description
CULTIVAR DESCRIPTIONS

**R.W. Duncan, P.B.E. Mcvetty, J.L. Duguid, S.L. Fox,
W. Paulmann, O. Sass, W.G.D. Fernando, and G. Li**

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HYHEAR 2 Roundup Ready® high erucic acid, low glucosinolate hybrid summer rape

**L.M. Reid, X. Zhu, C. Voloaca, J. Wu,
T. Woldemariam, and K. Jindal**

714–718

CO456 corn inbred line

**A.K. Singh, R.M. DePauw, R.E. Knox, J.M. Clarke,
T.N. McCaig, R.D. Cuthbert, and Y. Ruan**

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AAC Durafield durum wheat