

**Grain**

**ARTICLE**

- 151–159 Canola seed yield and phenological responses to plant density

**Yantai Gan, K. Neil Harker, H. Randy Kutcher,  
Robert H. Gulden, Byron Irvine, William E. May,  
and John T. O'Donovan**

**Molecular Biology**

**ARTICLES**

- 109–116 Molecular cloning and expression of a jasmonate biosynthetic gene allene oxide cyclase from *Camellia sinensis*
- 128–137 Molecular characterization and expression pattern of sorbitol transporter gene *PbSOT2* in Pear (*Pyrus bretschneideri* Rehd.) fruit

**Meng-xin Wang, Qing-ping Ma, Bao-yu Han,  
and Xing-hui Li**

**Lifen Wang, Xiaoxiao Qi, Yanan Yang,  
and Shaoling Zhang**

**Fruit**

**ARTICLE**

- 89–108 Using remote sensing to understand Pinot noir vineyard variability in Ontario

**David Ledderhof, Ralph Brown, Andrew Reynolds,  
and Marilynne Jollineau**

**Vegetable**

**ARTICLE**

- 139–147 Sweet potato production in a short-season area utilizing black plastic mulch: effects of cultivar, in-row plant spacing, and harvest date on yield parameters

**David Wees, Philippe Seguin, and Josée Boisclair**

**Weed Science**  
SHORT COMMUNICATIONS

- |  |              |  |
|--|--------------|--|
| <b>K.J. Mahoney, C. Shropshire, and P.H. Sikkema</b>         | <b>6–10</b>  | Examining the plant-back interval for glyphosate/glufosinate-resistant corn after the application of ACCase inhibitors   |
| <b>Scott N. White, Nathan S. Boyd, and Rene C. Van Acker</b> | <b>11–16</b> | Evaluation of aminocyclopyrachlor applied alone and in combination with registered herbicides for crop tolerance and weed control in wild blueberry ( <i>Vaccinium angustifolium</i> Ait.) |

ARTICLES

- |  |                |   |
|--|----------------|---|
| <b>Scott Ditschun, Nader Soltani, Darren E. Robinson, François J. Tardif, Allan C. Kaastra, and Peter H. Sikkema</b> | <b>72–80</b>   | Control of glyphosate-resistant Canada fleabane [ <i>Conyza canadensis</i> (L.) Cronq.] with isoxaflutole and metribuzin tank mix |
| <b>Zhenyi Li, Rene Van Acker, Darren E. Robinson, Nader Soltani, and Peter H. Sikkema</b>                            | <b>81–88</b>   | Halosulfuron tankmixes applied preplant incorporated for weed control in white bean ( <i>Phaseolus vulgaris</i> L.)               |
| <b>Nader Soltani, Robert E. Nurse, and Peter H. Sikkema</b>  | <b>160–164</b> | Response of glyphosate-resistant soybean to dicamba spray tank contamination during vegetative and reproductive growth stages     |

**Other**

CULTIVAR DESCRIPTION

- |  |                |  |
|--|----------------|--|
| <b>Kangfu Yu, Lorna Woodrow, and Vaino Poysa</b> | <b>148–150</b> | Registration of lipoxygenase free food grade soybean Germplasm, HS-151 |
|--|----------------|--|

**Cultivar Description**  
SHORT COMMUNICATION

- |   |            |  |
|---|------------|--|
| <b>Uk Lee, Sukhyun Joo, Ned B. Klopfenstein, and Mee-Sook Kim</b> | <b>1–5</b> | Efficacy of washing treatments in the reduction of post-harvest decay of chestnuts ( <i>Castanea crenata</i> 'Tsukuba') during storage |
|---|------------|--|

ARTICLES

- |   |                |  |
|---|----------------|--|
| <b>Yunfei Jiang, and Claude D. Caldwell</b>   | <b>17–26</b>   | Effect of nitrogen fertilization on camelina seed yield, yield components, and downy mildew infection  |
| <b>Mustafa Kenan Gecer, Meleksen Akin, Muttalip Gundogdu, Sadiye Peral Eydurán, Sezai Ercisli, and Ecevit Eydurán</b> | <b>27–33</b>   | Organic acids, sugars, phenolic compounds, and some horticultural characteristics of black and white mulberry accessions from Eastern Anatolia             |
| <b>C.A. Grant, D. McLaren, R.B. Irvine, and S.D. Duguid</b>   | <b>34–47</b>   | Nitrogen source and placement effects on stand density, pasmo severity, seed yield, and quality of no-till flax  |
| <b>M. Laura Jefferies, Christian J. Willenborg, and Bunyamin Tar'an</b>   | <b>48–58</b>   | Response of conventional and imidazolinone-resistant chickpea ( <i>Cicer arietinum</i> L.) cultivars to imazamox and/or imazethapyr applied post-emergence |
| <b>Caroline Halde and Martin H. Entz</b>  | <b>59–71</b>   | Plant species and mulch application rate affected decomposition of cover crop mulches used in organic rotational no-till systems                           |
| <b>Susanna Phoboo, Dipayan Sarkar, Prasanta C. Bhowmik, Pramod Kumar Jha, and Kalidas Shetty</b>                      | <b>117–127</b> | Improving salinity resilience in <i>Swertia chirayita</i> clonal line with <i>Lactobacillus plantarum</i>  |