

UNIVERSITY OF IDAHO

Nora Olsen

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EDUCATION:

Ph.D., Horticulture, 1998, Washington State University, Pullman, Washington
M.S., Horticulture, 1994, Washington State University, Pullman, Washington
B.A., Chemistry, 1990, Connecticut College, New London, Connecticut

EXPERIENCE:

Teaching and Research:

2012-present, Professor, University of Idaho, Kimberly, Idaho
2005-2012, Associate Professor, University of Idaho, Twin Falls, Idaho
1998-2005, Assistant Professor, University of Idaho, Twin Falls, Idaho
1992-98, Graduate Research and Teaching Assistant, Washington State University,
Pullman, Washington

Extension and Service:

2023-present, Vice-President, World Potato Congress
2013-2022, Director, World Potato Congress
2013-2014, President, Potato Association of America
2011-2012, Vice-President, Potato Association of America
2009-2011, Director, Potato Association of America
2009- 2013, Member, North American Plant Protection Organization (NAPPO)
Technical Advisory Group on Sprout Inhibition
2006-2017, Processing Editor for Potato Research, the journal of the European
Association for Potato Research (EAPR)
2004-05; 2017-18, Chair, Potato Association of America Physiology Section
2001-02, Chair, Potato Association of America Extension Section
2001, 2006, 2009, 2013, 2014, 2020, 2021, 2022 Co-Chair, Idaho Potato Conference

Honors and Awards:

2019, Honorary Life Member, Potato Association of America
2013, Outstanding Extension Project Award, Potato Association of America
2012, Excellence in Outreach & Extension Award, University of Idaho

Presented over 525 extension and scientific presentations and authored or co-authored over 375 scientific and extension deliverables.

PUBLICATIONS (refereed; selected in past two years):

Sathuvalli, V., N. Baley, B. Charlton, C. Shock, S. Yilma, R. Qin, E. Feibert, M.I. Vales, R. Novy, J. Whitworth, C. Brown, D. Navarre, J. Stark, M. Pavek, R. Knowles, L. Knowles, J.

- Blauer, T. Brandt, Y. Wang, M. Thornton, R. Spear, N. Olsen. 2023. Echo Russet: A russet variety with a high yield of marketable tubers, high processing quality, and few tuber defects. *Am. J of Potato Research* 100:15-26.
- Hendricks, R.L., N. Olsen, M. Thornton and P. Hatzenbuehler. 2022. Susceptibility of potato cultivars to blackspot and shatter bruise at three impact heights. *American Journal of Potato Research* 99:.
- Sadeghi, R., F. Fang, Y. Shao, N. Olsen, B. Du, and A. Hui-Mei Lin. 2022. Eliminating protein interference when quantifying potato reducing sugars with the miniaturized Somogyi-Nelson assay. 2022. *Food Chemistry*. 373(2022) 131473.
- Novy, R.G., J.L. Whitworth, J.C. Stark, R.R. Spear, B.L. Schneider, M.J. Pavek, N.R. Knowles, L.O. Knowles, B.A. Charlton, V. Sathuvalli, S. Yilma, C.R. Brown, T. Brandt, Y. Wang. M. Thornton, and N. Olsen. 2022. La Belle Russet: an Early Maturing, Dual-Purpose Variety Having a High Percentage of Marketable Yield, Long Tuber Dormancy, and a Reduced Incidence of Sugar Ends. *Am. J of Potato Research* 98:395–410.
- Tran, L., K. Green, M. Rodriguez-Rodriguez, G. Orellana, C. Funke, O. Nikolaeva, A. Quintero-Ferrer, M. Chikh-Ali, L. Woodell, N. Olsen and A. Karasev. 2021. Prevalence of recombinant strains of potato virus Y in seed potato planted in Idaho and Washington states between 2011 and 2021. *Plant Disease*. <https://doi.org/10.1094/PDIS-08-21-1852-SR>.
- Spear, R.R., R.G. Novy, J.L. Whitworth, J.C. Stark, M.J. Pavek, N.R. Knowles, L.O. Knowles, B.A. Charlton, V. Sathuvalli, S. Yilma, M. Thornton, N. Olsen, T. Brandt, and Y. Wang. 2021. Galena Russet: a long dormancy, dual-purpose potato cultivar exhibiting low asparagine, cold-sweetening resistance, and enhanced protein content. *Am. J. of Potato Research*. [Doi.org/10.1007/s12230-020-09817-w](https://doi.org/10.1007/s12230-020-09817-w).
- Olsen, N., L. Woodell, M.J. Frazier, M. Thornton and A.V. Karasev. 2021. Simple tools for rapid diagnostics and decision making. *Am. J. of Potato Research*. Invited symposium paper; doi.org/10.1007/s12230-020-09812-1.

EXTENSION PUBLICATIONS (selected in past year):

- Teixeira, G., S. Paytosh and N. Olsen. 2023. Potato respiration and carbon dioxide. *Potato Grower Magazine*. August 2023. 52(8): 24-25.
- Thornton, M. and N. Olsen. 2023. Minimizing bruise at harvest. *Potato Grower Magazine*. June 2023 52(6): 18-19
- Olsen, N. 2023. The power of insulation in potato storages. *The Grower Magazine*. May 2023 73(5):13.
- Karasev, A. and N. Olsen. 2023. Potato Virus Initiative Developing Direct Tuber Testing Alternatives. *Potato Grower Magazine*. April 2023 52(4): 22-23.
- Hendricks, R., N. Olsen, M. Thornton and P. Hatzenbuehler. 2023. Minimizing bruising in packaged potatoes. *Potato Country Magazine*. February 2023 39(2):14-15.
- Gelles, N., N. Olsen, M. Thornton, and A. Karasev. 2022. Early detection: new methods to break tuber dormancy to facilitate virus testing of seed potatoes. *Potato Country Magazine*. December 2022 38(8):20-24.
- Olsen, N. and G. Teixeira. 2022. Heat in storage. *Potato Grower Magazine*. September 51:32-33.
- Hendricks, R., N. Olsen and M. Thornton. 2022. Postharvest quality reduction. *Spudman Magazine*. July/August 60(6):22-25.