



ALVAREZ'S PUBLICATIONS:

Refereed and Peer-Reviewed Publications:

- Cervantes, F.A. and J.M. Alvarez. Influence of Hairy Nightshade as Virus Inoculum Source in the PVY Epidemiology in Idaho Potato Fields. *Phytopathology*. In review.
- Cervantes, F.A., J.M. Alvarez, and J. Whitworth. PVY strain reactions in three potato cultivars through mechanical and aphid inoculation. *Plant Disease*. In review.
- Alvarez, J.M., R. Srinivasan, and F. Cervantes. 2009. Potato viral infections affect the biology and behaviour of aphid vectors. *Redia*. XCII in press.
- Nolte, P., J.M. Alvarez, and J. Whitworth. 2009. Potato virus Y management for the seed potato producer. Current Information Series, University of Idaho. CIS 1165. Freely available at: <http://info.ag.uidaho.edu/pdf/CIS/CIS1165.pdf>
- Srinivasan, R., and J.M. Alvarez, 2008. Hairy nightshade as a potential *Potato leafroll virus* (Luteoviridae: *Polerovirus*) inoculum source in Pacific Northwest potato ecosystems. *Phytopathology*. 98: 985-991. <http://apsjournals.apsnet.org/doi/pdf/10.1094/PHYTO-98-9-0985>
- Srinivasan, R., J.M. Alvarez, N. Bosque-Perez, S. Eigenbrode, and R. Novy. 2008. Effect of an alternate weed host, hairy nightshade, *Solanum sarrachoides* (Sendtner), on the biology of the two most important Potato leafroll virus (Luteoviridae: *Polerovirus*) vectors, *Myzus persicae* (Sulzer) and *Macrosiphum euphorbiae* (Thomas) (Aphididae: Homoptera). *Environmental Entomology*. 37: 592-600. Available at: <http://docserver.ingentaconnect.com/deliver/connect/esa/0046225x/v37n2/s36.pdf?expires=1214841950&id=0000&titleid=10265&checksum=75D55D321D778836A66535C16B25792E> PDF
- Kuhar, T. and J.M. Alvarez. 2008. Timing of injury and efficacy of soil-applied insecticides against wireworms on potato in Virginia. *Crop Protection*. 27: 792-798. http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6T5T-4RDB8P3-1-9&_cdi=5011&_user=854313&_orig=browse&_coverDate=05%2F31%2F2008&_sk=999729996&view=c&wchp=dGLbVtz-zSkzS&md5=2f796e64938c27dc67340a562658edde&ie=/sdarticle.pdf
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- Hamm, P.R. Boydston, C.W. Hoy, P. Hutchinson, W. Stevenson, J.M. Alvarez, A. Alyokhin, G. Boiteau, G. Dively, N. Gudmenstad, and W. Kirk. 2007. Managing pesticide resistance. In *Potato Health Management* D.A. Johnson ed. The American Phytopathological Society, St. Paul, MN. pp. 123-131.
- Hoy, C.W., G. Boiteau, A. Alyokhin, G. Dively, and J.M. Alvarez. 2007. Managing insect and mite pests. In *Potato Health Management* D.A. Johnson ed. The American Phytopathological Society, St. Paul, MN. pp. 133-147.
- Alvarez, J.M. 2007. The evaluation of weeds as potential inoculum sources for aphid-mediated transmission of two potato viruses, PLRV and PVY. IMYZA-INTA. Boletín MIP No. 7- Manejo

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- Rondon, S.I., S.J. DeBano, G.H. Clough, P.B. Hamm, A. Jensen, A. Schreiber, J.M. Alvarez, M. Thornton, J. Barbour, and M. Dogramaci. 2007. Review of the biology and management of the potato tuberworm. *Potato Progress*, Vol. VII, 13: 1-3.
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- Alvarez, J.M. 2008. Going after aphids-Bird cherry oat aphid an important vector of PVY. *Potato Grower*, 37: 27-28.
- Alvarez, J.M. 2008. Addressing virus transmission-More on vectors, aphids and fighting disease. *Potato Grower*, 37: 28.
- Alvarez, J.M. A newly registered insecticide in potato seems promising for reduction of wireworm damage. *Spudvine*. March 2008. [PDF http://www.if.uidaho.edu/~bingham/Mar%202008.pdf](http://www.if.uidaho.edu/~bingham/Mar%202008.pdf)
- Alvarez, J.M. Management of wireworms on potatoes. *Spudvine*. April 2007. [PDF http://www.if.uidaho.edu/~bingham/Apr%202007.pdf](http://www.if.uidaho.edu/~bingham/Apr%202007.pdf)
- Alvarez, J.M. 2007. Una mala hierba es identificada como hospedera de virus de plantas de papa. *Boletín de la Papa*, 8, 19. [PDF http://redepapa.org/boletincientosesentinueve.html](http://redepapa.org/boletincientosesentinueve.html)
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- Alvarez, J.M. and R. Srinivasan. 2007. Effect of mixed-viral infections (Potato virus Y-Potato leafroll virus) on the biology and preference of aphid vectors. 13th European Association for Potato Research (EAPR) Virology Section Meeting, Scotland, United Kingdom. Book of Abstracts: 46.
- Alvarez, J.M., R. Srinivasan, F. Cervantes, S. Eigenbrode, N. Bosque-Perez and A. Pantoja. 2007. Importance of alternative plant hosts in the epidemiology of PLRV and PVY. 13th European Association for Potato Research (EAPR) Virology Section Meeting, Scotland, United Kingdom. Book of Abstracts: 42.
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- Alvarez, J.M. and T. Kuhar. 2005. Managing wireworms in Idaho potato fields. 53rd Annual Meeting of the Entomological Society of America. Abstract of presented research may be found at: [PDF http://esa.confex.com/esa/2005/techprogram/paper_21572.htm](http://esa.confex.com/esa/2005/techprogram/paper_21572.htm)
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