



## ALVAREZ'S PUBLICATIONS:

### Refereed and Peer-Reviewed Publications:

- 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/PHTO-98-9-0985> PDF
- 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](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)
- Srinivasan, R., and J.M. Alvarez, 2007. Effect of mixed-viral infections (*Potato virus Y-Potato leafroll virus*) on the biology and preference of vectors, *Myzus persicae* (Sulzer) and *Macrosiphum euphorbiae* (Thomas) (Homoptera: Aphididae). *Journal of Economic Entomology*. 100: 646-655. Available at: <http://docserver.esa.catchword.org/deliver/cw/pdf/esa/freepdfs/00220493/v100n3s2.pdf> PDF
- 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 Integrado de Plagas. Noviembre Argentina*. Freely available at: <http://www.inta.gov.ar/imyza/info/bol/mip/07/bol7/mip7.htm#3> PDF
- 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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- Srinivasan, R., J.M. Alvarez, S. Eigenbrode, and N. Bosque-Perez. 2006. Influence of hairy nightshade *Solanum sarrachoides* (Sendtner) and *Potato leafroll virus* (Luteoviridae: *Polerovirus*) on the preference of *Myzus persicae* (Sulzer) (Homoptera: Aphididae). *Environmental Entomology*. 35: 546-553. Available at: <http://docserver.esa.catchword.org/deliver/cw/pdf/esa/freepdfs/0046225x/v35n2s45.pdf> PDF
- Alvarez, J.M., F. Menalled, and M.A. Hoy. 2006. Molecular tools in biological control. (in Spanish). *Forum*

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- Alvarez, J.M. and E. Dotseth. 2006. Small grain pests. In: C.S. Hollingsworth (ed.). *PNW Insect Management Handbook*. 249-258.
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- Alvarez, J.M. and P.J.S. Hutchinson, 2005. Managing hairy nightshade to reduce potato viruses and insect vectors. *Outlooks on Pest Management Journal*. 16 (6): 249-252. Freely available at: [PDF http://www.researchinformation.co.uk/pest/sample/249-Alvarez.pdf](http://www.researchinformation.co.uk/pest/sample/249-Alvarez.pdf)
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- Alvarez, J.M., E. Dotseth and P. Nolte. 2005. Potato tuberworm: a threat for Idaho potatoes. Current Information Series, University of Idaho. CIS 1125. 4 pp. Freely available at: [PDF http://info.ag.uidaho.edu/pdf/CIS/CIS1125.pdf](http://info.ag.uidaho.edu/pdf/CIS/CIS1125.pdf)
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- Novy, R.G., Alvarez, J.M., Corsini, D.L., Nasruddin, A., Radcliffe, E.B., and Ragsdale, D.W. 2004. Resistance to PVY, PLRV, PVX, green peach aphid, Colorado potato beetle, and wireworm in the progeny of a tri-species somatic hybrid. *American Journal of Potato Research*. 81 (1): 77-78.
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- Alvarez, J.M., A. Acosta, A.C. Bellotti, and A.R. Braun. 1993. Pathogenicity studies of a fungus associated to the cassava (*Manihot esculenta* Crantz) pest *Mononychellus tanajoa* (Bondar) (in Spanish, English abstract). *Revista Colombiana de Entomología*, 19: 10-20.
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#### Popular Press Publications:

- Thornton, M., P. Hutchinson, J. Miller, J.M. Alvarez, and W. Bohl. Effect of combining potato pesticides. *Spudvine*. April 2008.
- 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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#### Proceedings and Abstracts:

##### International:

- 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.

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#### National:

- Srinivasan, R. and J.M. Alvarez. 2007. Host range of *Macrosiphum euphorbiae* (Thomas) in the potato ecosystem of southern Idaho. 55<sup>th</sup> Annual Meeting of the Entomological Society of America. Abstract of presented research may be found at: [http://esa.confex.com/esa/2007/techprogram/paper\\_31340.htm](http://esa.confex.com/esa/2007/techprogram/paper_31340.htm)
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