












ALVAREZ'S PUBLICATIONS:

Refereed and Peer-Reviewed Publications:

- Alvarez, J.M., R. Novy, and J. Whitworth. 2010. Wireworm (Coleoptera: Elateridae) Resistance in Unique Potato Germplasm Derived from the wild potato species, *Solanum berthaultii* and *S. etuberosum*. *Journal of Economic Entomology*. In review.
- Srinivasan, R., and J.M. Alvarez. 2010. Specialized host utilization of *Macrosiphum euphorbiae* on a non-native weed host, hairy nightshade, *Solanum sarrachoides* (Sendtner), and competition with *Myzus persicae*. *Environmental Entomology*. In review.
- 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. Whithworth. PVY strain reactions in three potato cultivars through mechanical and aphid inoculation. *Plant Disease*. In review.
- Cervantes, F.A. and J.M. Alvarez. 2010. Role of hairy nightshade (*Solanum sarrachoides* (Sendtner)) in the transmission of different potato virus Y (PVY) strains on *Solanum tuberosum* L. *Plant Health Progress*. In press.
- Pantoja, A., A.M. Hagerty, S.Y. Emmert, J.C. Kuhl, K. Pike, J.M. Alvarez, and A. Jensen. 2010. Aphids (Homoptera: Aphididae) associated with rhubarb in the Matanuska Valley, Alaska: Species composition, seasonal abundance, and potential virus vectors. *Journal of the Entomological Society of British Columbia*. In press.
- Alvarez, J.M., R. Srinivasan, and F. Cervantes. 2009. Potato viral infections affect the biology and behaviour of aphid vectors. *Redia*. 92: 169-170.
- 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>
- 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

- 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> 
- 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> 
- 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.
- 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. Biology and management of the potato tuberworm in the Pacific Northwest, PNW 594, 8pp.
- Alvarez, J.M. and R. Hirnyck. 2007. Small grain pests. In: C.S. Hollingsworth (ed.). *PNW Insect Management Handbook*. 18-27.  <http://pnwpest.org/pnw/insects>
- 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> 
- Alvarez, J.M., F. Menalled, and M.A. Hoy. 2006. Molecular tools in biological control. (in Spanish). Forum article in *Revista Manejo Integrado de plagas y Agroecología*. 74: 4-11.
- Alvarez, J.M. and E. Dotseth. 2006. Small grain pests. In: C.S. Hollingsworth (ed.). *PNW Insect Management Handbook*. 249-258.
- Alvarez, J.M. and E. Dotseth. 2006. Black grass bug and chinch bug in small grains. Current Information Series, University of Idaho. CIS 1128. Freely available at: <http://info.ag.uidaho.edu/PDF/CIS/CIS1128.pdf> 
- 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: <http://www.researchinformation.co.uk/pest/sample/249-Alvarez.pdf> 
- Alvarez, J.M. and R. Srinivasan. 2005. Evaluation of hairy nightshade as an inoculum source for the aphid-mediated transmission of potato leafroll virus. *Journal of Economic Entomology*. 98: 1101-1108. Available at: <http://docserver.esa.catchword.org/deliver/cw/pdf/esa/freepdfs/00220493/v98n4s5.pdf> 
- 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: <http://info.ag.uidaho.edu/pdf/CIS/CIS1125.pdf> 
- Alvarez, J.M. and E. Dotseth. 2005. Small grain pests. In: D. McGrath (ed.). *PNW Insect Management Handbook*. 227-235.
- 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.
- Alvarez, J.M. 2004. *Trionymus haancheni* McKenzie: a new pest of barley in Idaho. *Plant Health Progress*  <http://www.plantmanagementnetwork.org/pub/php/management/2004/barley/>
- Alvarez, J.M. 2004. Potato insect pests. In J.L. Capinera (ed.), *Encyclopedia of Entomology*. Kluwer Academic Press, 1803-1816.
- Menalled, F., J.M. Alvarez, and D. Landis. 2004. Molecular techniques, habitat management and parasitoid conservation in annual cropping systems. In: G. Gurr, S. Wratten and M.A. Altieri (Eds)

- Ecological Engineering: Advances in habitat manipulation for arthropods*. CSIRO Press, 6: 103-117.
- Alvarez, J.M., M.A. Wiebe, D. Bragg, and R. Stoltz. 2004. Small grain pests. *In*: D. McGrath (ed.). *PNW Insect Management Handbook*. 198-205.
- Alvarez, J.M., R.L. Stoltz, C.R. Baird, and L.E. Sandvol. 2003. Insect pests and their management. *In*: Love S. and J. Stark (eds.) *Potato Production Systems*. 12: 204-239.
- Kuhar, T., P.J. III Speese, J. Whalen, J.M. Alvarez, A. Alyokhin and G. Ghidui. 2003. Current status of insecticidal control of wireworms in potatoes. *Pesticide Outlook*. 14: 265-267. Available at: <http://www.rsc.org/delivery/ArticleLinking/DisplayArticleForFree.cfm?doi=b314851n&JournalCode=PO>
- Hoy, M.A., A. Jeyaprakash, J.M. Alvarez, and M. Allsopp. 2003. *Wolbachia* is present in the honeybees *Apis mellifera capensis*, *A.m. scutellata* and their hybrids in Southern Africa. *Apidology* 34: 53-60.
- Alvarez, J.M., L.E. Sandvol and R.L. Stoltz. 2003. Insect pests. *In*: L.D. Robertson and J. Stark (eds.) *Idaho spring barley production guide*. University of Idaho Bul. 742: 29-35.
- Alvarez, J.M. 2003. Mealybugs in Idaho. Current Information Series, University of Idaho. CIS 1109. Freely available at: [PDF http:// info.ag.uidaho.edu/pdf/CIS/CIS1109.pdf](http://info.ag.uidaho.edu/pdf/CIS/CIS1109.pdf)
- Alvarez, J.M., N. Matteson, D. Bragg, and R. Stoltz. 2003. Small Grain Pests. *PNW Insect Management Handbook*. 198-205.
- Alvarez, J.M., S.D. Eigenbrode and J.B. Johnson. 2002. Tracing insects contaminated with radioactive materials in the field using the harmonic radar. (in Spanish). *Bol. S.E.A.* 30:221-222. http://www.sea-entomologia.org/PDF/BOLETIN_30/B30-045-221.pdf
- Alvarez, J.M. and M.A. Hoy. 2002. Evaluation of the ribosomal ITS2 DNA sequences in separating closely related populations of the parasitoid *Ageniaspis* (Hymenoptera: Encyrtidae). *Ann. Entomol. Soc. Am.* 95: 250-256. Available at: [PDF http://esa.publisher.ingentaconnect.com/content/esa/aesa/2002/00000095/00000002/art00016](http://esa.publisher.ingentaconnect.com/content/esa/aesa/2002/00000095/00000002/art00016)
- Alvarez, J.M., G. Harding, and R. Findley. 2002. Identifying the corn blotch leafminer. Current Information Series, University of Idaho. CIS 1078. Freely available at: [PDF http://info.ag.uidaho.edu/pdf/CIS/CIS1078.pdf](http://info.ag.uidaho.edu/pdf/CIS/CIS1078.pdf)
- Stoltz, R.L., C.R. Baird, and J.M. Alvarez. 2002. PNW Beneficial organisms associated with Pacific Northwest crops. Extension publication PNW 343.
- Alvarez, J.M., R.G. Van Driesche, and J. Cornell. 1999. Effect of *Encarsia* nr. *diaspidicola* (Hymenoptera: Aphelinidae) Parasitism on *Cybocephalus* nr. *nipponicus* (Coleoptera: Cybocephalidae) egg laying choices. *Biological Control* 15: 57-63. http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6WBP-45K1FTB-8-1&_cdi=6716&_user=854313&_orig=browse&_coverDate=05%2F31%2F1999&_sk=999849998&_view=c&_wchp=dGLzVzz-zSkWz&md5=27c9e1cdf2ad29ff48fd6bd097a80b79&ie=/sdarticle.pdf
- Alvarez, J.M. and R. Van Driesche. 1998. Effect of host sex, density and species on the oviposition of *Cybocephalus* nr. *nipponicus* a natural enemy of euonymus scale. *Florida Entomol.* 81: 429-436. <http://www.fcla.edu/FlaEnt/fe81p429.pdf>
- Alvarez, J.M. and R. Van Driesche. 1998. Biology of *Cybocephalus* sp. nr. *nipponicus* (Coleoptera: Cybocephalidae) a natural enemy of euonymus scale *Unaspis euonymi* (Homoptera: Diaspididae). *Environ. Entomol.* 26: 130-136.
- 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 Entomologia*, 19: 10-20.
- Alvarez, J.M., A.C. Bellotti, A. Acosta, and A.R. Braun. 1993. Control biológico de ácaros tetranychidos en Colombia. *In Control biológico en Colombia, historia avances y proyecciones*. (Ed. Palacios, F., Arciniegas, I.C., and Astudillo, A.M.) pp. 240-256.
- Alvarez, J.M., A.C. Bellotti, A.R. Braun, and A. Acosta. 1991. Pathogenicity studies of a fungus Associated to the cassava pest *Tetranychus urticae* Koch (in Spanish, English abstract). *Revista Colombiana de Entomología*, 17: 28-33.

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/boletincientoseseitanueve.html](http://redepapa.org/boletincientoseseitanueve.html)
- W. Bohl, and Alvarez, J.M. 2005. Potato tuberworm: is it a threat? *Potato Grower*, 34, 4: 46.
- Alvarez, J.M. and T. Kuhar. 2005. Wireworm control: Idaho, Virginia experiments give interesting findings. *Potato Grower*, 34, 3: 16-18.
- Alvarez, J.M., E. Dotseth and P. Nolte and W. Bohl. 2005. Should you be concerned about potato tuberworm? *Spudvine*. Pp 2.
- Alvarez, J.M. 2004. Nightshade plants are an aphid magnet and also harbor potato viruses. *Potato Grower*, 33: 44-46.
- Alvarez, J.M. Pest Alert: Hancheen barley mealybug found in Idaho. Pest Management News Newsletter. University of Idaho, July 2003. 1-2.
- Alvarez, J.M. and W. Bohl. What to do about the Colorado potato beetle. *Spudvine*. July 2003.
- Hopkins, B.G., Hutchinson, P.J.S., and Alvarez, J.M. 2002. Previous crop impacts weed, insect management. *Potato Grower*. August- 12-13.
- Alvarez, J.M. 2002. Another alternative. Beetle power: fighting bug to bug. *Potato Grower*. June- 28-29.

Proceedings and Abstracts:
International:

- Alvarez, J.M. 2010. Why is a Solanum weed affecting the aphid transmission of PVY in Idaho potato fields. 14th European Association for Potato Research (EAPR) Virology Section Meeting, Hamar, Norway. Fokus, Bioforsk: Vol. 5, 10.
- Pantoja, A., J. Munyaneza, J. Crosslin, A.M. Hagerty, S.Y. Emmert, K. Pike, J.M. Alvarez, A. Jensen. 2010. Leafhoppers and aphids associated with potato in Alaska, USA: species composition, seasonal abundance, and potential virus vectors. 14th European Association for Potato Research (EAPR) Virology Section Meeting, Hamar, Norway. Fokus, Bioforsk: Vol. 5, 36.
- Abt, I., A. Delaunay, M. Rolland, J.M. Alvarez, G. Thebaud, and E. Jacquot. 2010. Quantitative approach of aphid-mediated transmission of PVY isolates. 14th European Association for Potato Research (EAPR) Virology Section Meeting, Hamar, Norway. Fokus, Bioforsk: Vol. 5, 50.
- Alvarez, J.M., and F. Cervantes. 2010. *Potato Virus Y* distribution in hairy nightshade and potato upon aphid inoculation. *American Journal of Potato Research*. 87: 111-112.
- Alvarez, J.M., R. Srinivasan, and F. Cervantes. 2009. The need for a multidimensional potato virus management plan in the Pacific Northwest. 6th International Integrated Pest Management Symposium. Book of Abstracts: 95.
- 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.
- Alvarez, J.M. 2003. Uso de herramientas moleculares en el control biológico. XXX International Meeting of the Colombian Society of Entomology (SOCOLEN). Cali, Colombia In press.
- Alvarez, J.M. and M. Hoy. 2003. Molecular markers in classical biological control of the citrus leafminer: taxonomic and ecological evaluations. In: VanDriesche R. (Ed). International Symposium of Biological Control of Arthropods. January 14-18, 2002. USDA Forest Service Publication FHTET, Morgantown, West Virginia. 75-89.
- Villanueva-Jimenez, J.A., S. Hernandez, J. Castillo, A. Diaz, N. Bautista, M.A. Hoy, and J.M. Alvarez. 1999. Introducción de un parasitoide específico del minador de la hoja de los cítricos: avances y perspectivas. Décima segunda reunión científica-tecnológica forestal y agropecuaria, Veracruz, Mexico. *Memorias científicas* 5: 149-150.

- Alvarez, J.M., A.C. Bellotti, and A.R. Braun. 1992. Biological control of cassava mites, *In I International course on biological control of mites with the fungus Hirsutella thompsonii* (in Spanish), Baracoa, Cuba, Memorias 23-25.
- Alvarez, J.M. and A.R. Braun. 1992. Microbial control of tetranychid mites. Course on microbial control of insects and mites (in Spanish). Manizales, Colombia. CENIPALMA (Centro de Investigación en Palma de Aceite). Resúmenes, 14-21.
- Alvarez, J.M. 1989. Biological control of mites in the cassava crop *Manihot esculenta* Crantz. *In International course on IPM in cassava and other crops*, CIAT. Memories 8-9.

National:

- Alvarez, J.M. 2010. Why is a Solanum weed affecting the aphid transmission of PVY in Idaho potato fields. 14th European Association for Potato Research (EAPR) Virology Section Meeting, Hamar, Norway. Fokus, Bioforsk: Vol. 5, 10.
- Pantoja, A., J. Munyaneza, J. Crosslin, A.M. Hagerty, S.Y. Emmert, K. Pike, J.M. Alvarez, A. Jensen. 2010. Leafhoppers and aphids associated with potato in Alaska, USA: species composition, seasonal abundance, and potential virus vectors. 14th European Association for Potato Research (EAPR) Virology Section Meeting, Hamar, Norway. Fokus, Bioforsk: Vol. 5, 36.
- Abt, I., A. Delaunay, M. Rolland, J.M. Alvarez, G. Thebaud, and E. Jacquot. 2010. Quantitative approach of aphid-mediated transmission of PVY isolates. 14th European Association for Potato Research (EAPR) Virology Section Meeting, Hamar, Norway. Fokus, Bioforsk: Vol. 5, 50.
- Alvarez, J.M., and F. Cervantes. 2010. *Potato Virus Y* distribution in hairy nightshade and potato upon aphid inoculation. *American Journal of Potato Research*. 87: 111-112.
- Alvarez, J.M., R. Srinivasan, and F. Cervantes. 2009. The need for a multidimensional potato virus management plan in the Pacific Northwest. 6th International Integrated Pest Management Symposium. Book of Abstracts: 95.
- Srinivasan, R. and J.M. Alvarez. 2007. Host range of *Macrosiphum euphorbiae* (Thomas) in the potato ecosystem of southern Idaho. 55th 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
- Cervantes, F. and J.M. Alvarez. 2007. Influence of hairy nightshade as virus inoculum source in the PVY epidemiology in Idaho potato fields. 55th Annual Meeting of the Entomological Society of America. Abstract of presented research may be found at: http://esa.confex.com/esa/2007/techprogram/paper_31122.htm
- Alvarez, J.M., and R. Srinivasan. 2006. Impact of an alternative host in the vector distribution and epidemiology of PLRV in Idaho. *American Journal of Potato Research*. 83: 97.
- Novy, R.G., J.M. Alvarez, S.B. Sterrett, T.P. Kuhar, and D. Horton. 2006. Progeny of a tri-species potato somatic hybrid express resistance to wireworm in eastern and western potato production regions of the US. *American Journal of Potato Research*. 83: 126.
- Alvarez, J.M., and R. Srinivasan. 2006. Fecundity and preference of the green peach aphid and the potato aphid (Homoptera: Aphididae) are affected by mixed-potato viral infections. 54th Annual Meeting of the Entomological Society of America. Abstract of presented research may be found at: http://esa.confex.com/esa/2006/techprogram/paper_27191.htm
- Cervantes, F. and J.M. Alvarez. 2006. Influence of virus inoculum host in the transmission of PVY^O and PVY^{NTN} by *Myzus persicae* (Sulzer), *Macrosiphum euphorbiae* (Thomas) and *Rhopalosiphum padi* (Linnaeus). 54th Annual Meeting of the Entomological Society of America. Abstract of presented research may be found at: http://esa.confex.com/esa/2006/techprogram/paper_25508.htm
- Alvarez, J.M., Novy, R.G. 2005. Resistance to wireworm in different advanced potato selections in Idaho. Program of the 53rd Annual Meeting of the Entomological Society of America. Page 99. Complete Abstract can be found at: http://esa.confex.com/esa/2005/techprogram/paper_21408.htm
- 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: http://esa.confex.com/esa/2005/techprogram/paper_21572.htm PDF
- Srinivasan, R. and J.M. Alvarez. 2005. Effect of potato mixed viral infection (PVY-PLRV) on the biology and preference behavior of *Myzus persicae* (Sulzer) (Homoptera: Aphididae). 53rd Annual Meeting of the Entomological Society of America. Abstract of presented research may be found at: http://esa.confex.com/esa/2005/techprogram/paper_21623.htm PDF
- Pantoja, A., J.M. Alvarez, J. Munyaneza, A. Hagerty, and T.B. Adams. 2005. Aphids and leafhoppers

- associated with potatoes in Alaska. 53rd Annual Meeting of the Entomological Society of America. Abstract of presented research may be found at: http://esa.confex.com/esa/2005/techprogram/paper_21389.htm
- Novy, R.G., and J.M. Alvarez. 2005. Resistance to wireworm in the progeny of a tri-species potato somatic hybrid. *American Journal of Potato Research*. 82: 84-85.
- Srinivasan, R., J.M. Alvarez, S. Eigenbrode, and N. Bosque-Perez. 2004. The effect of *Solanum sarrachoids* and potato leafroll virus-infection on the biology and behavior of *Myzus persicae*. Program of the 52nd Annual Meeting of the Entomological Society of America. Complete Abstract can be found at: http://esa.confex.com/esa/2004/techprogram/paper_15533.htm
- Dotseth, E., J.M. Alvarez, J. Munyanesa, J. Crosslin, M. Thorton, and A. Jensen. 2004. Evaluation of leafhopper species related to the potato crop in Idaho. Program of the 52nd Annual Meeting of the Entomological Society of America. Complete Abstract can be found at: http://esa.confex.com/esa/2004/techprogram/paper_17329.htm
- Srinivasan, R., N. Bosque-Perez, S. Eigenbrode, and J.M. Alvarez. 2003. Do PLRV Infected Hairy Nightshades Attract the Insect Vector? Program of the 51st Annual Meeting of the Entomological Society of America. Complete Abstract can be found at: http://esa.confex.com/esa/2003/techprogram/paper_12097.htm
- Alvarez, J.M. and N. Matteson. 2002. Efficacy of insecticides against wireworms in the potato crop in Idaho. Program of the 50th Annual Meeting of the Entomological Society of America. Complete Abstract can be found at: [PDF http://esa.confex.com/esa/2002/techprogram/paper_6617.htm](http://esa.confex.com/esa/2002/techprogram/paper_6617.htm)
- Matteson, N. and J.M. Alvarez. 2002. Characterization of host range and predator effectiveness of field-collected *Pterostichus melanarius* Ill. (Coleoptera: Carabidae). Program of the 50th Annual Meeting of the Entomological Society of America. Complete Abstract can be found at: [PDF http://esa.confex.com/esa/2002/techprogram/paper_8100.htm](http://esa.confex.com/esa/2002/techprogram/paper_8100.htm)
- Alvarez, J.M., N. Matteson, and M. Wiebe. 2002. Biological control in the potato crop in Idaho. 44th Idaho Academy of Science meeting proceedings. 45.
- Hoy, M.A., A. Jeyaprakash, J.M. Alvarez, and M. Allsopp. 2002. *Wolbachia* is present in the honey bees *Apis mellifera capensis*, *A. m. scutellata*, and their hybrids in southern Africa. Program of the 50th Annual Meeting of the Entomological Society of America. Complete Abstract can be found at: http://esa.confex.com/esa/2002/techprogram/paper_6789.htm