Yakima Agricultural Research Laboratory
** Monthly Manuscript Listing **
(May 2005)

Authors/Scientists
James D. Hansen
David R. Horton
Alan L. Knight
Lawrence A. Lacey
Peter J. Landolt
Joseph E. Munyaneza
Lisa G. Neven
Thomas R. Unruh
Wee L. Yee

YAKIMA AGRICULTURAL RESEARCH LABORATORY
-MANUSCRIPT LISTING-
Compiled May 2005

SCIENTIST: J. D. HANSEN

PUBLISHED:

Feng, X., J. D. Hansen, B. Biasi, J. Tang, and E. J. Mitcham. 2004. Use of hot water treatment to control codling moths in harvested California 'Bing' sweet cherries. Postharv. Biol. Technol. 31: 51-58.

Hansen, J. D., S. R. Drake, and M. L. Heidt. 2004. Does cherry in rearing diet affect development in codling moth (Lepidoptera: Tortricidae)? J. Amer. Pomol. Soc. 58: 142-146.

Hansen, J. D., S. R. Drake, M. L. Heidt, M. A. Watkins, J. Tang, and S. Wang. 2004. Radio frequency treatments for postharvest codling moth control in fresh apples. HortTechnology 14: 533-537.

Hansen, J. D., L. R. Lewis, and S. R. Drake. 2004. Trap catches of codling moth in commercial Washington sweet cherry orchards. J. Tree Fruit Prod. 3: 33-43.

Hansen, J. D., S. Wang, and J. Tang. 2004. A cumulated lethal time model to evaluate efficacy of heat treatments for codling moth *Cydia pomonella* (L.) (Lepidoptera: Tortricidae) in cherries. Postharv. Biol. Technol. 33: 309-317.

Wang, S., X. Yin, J. Tang, and J.D. Hansen. 2004. Thermal resistance of different stages of codling moth (Lepidoptera: Tortricidae). J. Stored Prod. Res. 40: 565-574.

ACCEPTED:

Hansen, J. D., and J. R. Archer. 2005. Systems approach is the future. The Good Fruit Grower.

Hansen, J. D., S. R. Drake, M. L. Heidt, M. A. Watkins, J. Tang, and S. Wang. 2005. Radio frequency-hot water for postharvest control of codling moth in 'Bing' sweet cherries. HortTechnology.

Hansen, J. D., D. W. Schlaman, R. P. Haff, and W. L. Yee. 2005. Potential postharvest use of radiography to detect internal pests in deciduous tree fruits. J. Entomol. Sci.

Yin, X., S. Wang, J. Tang, and J. D. Hansen. 2004. Thermal resistance of fifth-instar *Cydia pomonella* (L.) (Lepidoptera: Tortricidae) as affected by pretreatment conditioning. J. Stored Produc. Res

YAKIMA AGRICULTURAL RESEARCH LABORATORY
-MANUSCRIPT LISTING-
Compiled May 2005

SUBMITTED

Bai , J., E.A. Mielke, P.M. Chen , R.A. Spotts , J.D. Hansen, and L.G. Neven. Effect of a high-pressure hot-water washing system on fruit quality, insects, and disease in apples and pears. Part II. Effect of different washing condition on fruit quality of 'd'Anjou' pears. Postharvest Biol. Technol.

Drake, S. R., J. D. Hansen, D.C. Elfving, J. Tang, and S. Wang. Hot water to control codling moth in sweet cherries: efficacy and quality. J. Food Qual.

Hansen, J. D., S. R. Drake, M. L. Heidt, M. A. Watkins, J. Tang, and S. Wang. Potential radio frequency-hot water dip treatment for postharvest codling moth control in fresh apples. J. Food Process. Preserv.

Hansen, J. D., and M. L. Heidt. Codling moth larval survival under heated anaerobic conditions. J. Kans. Entomol. Soc.

Mielke, E.A., J. Bai, P.M. Chen, M. Serdani, R.A. Spotts, J.D. Hansen, and L.G. Neven. Effect of a high-pressure hot-water washing system on fruit quality, insects, and disease in apples and pears. Part I. System description. Postharvest Biol. Technol.

Spotts, R.A, M. Serdani, E.A. Mielke, J. Bai, P.M. Chen, J.D. Hansen, L.G. Neven, and P.G. Sanderson. Effect of a high-pressure hot water washing system on fruit quality, insects, and disease in apples and pears. Part III. Effect on postharvest decay of d'Anjou pear fruit. Postharvest Biol. Technol.

Hansen, J. D., M. L. Heidt, L. G. Neven, E. A. Mielk, J. Bai, P. M. Chen, and R. A. Spotts. Effect of a high-pressure hot water washing system on fruit quality, insects, and disease in apples and pears. Part IV.. Use of silicone-based materials and mechanical methods to eliminate surface pests. Postharv. Biol. Technol.

Neven, L.G., J.D. Hansen, R.A. Spotts, M. Serdani, E.A. Mielke, J. Bai, P.M. Chen, and P.G. Sanderson. Effect of a high-pressure hot water washing system on fruit quality, insects, and disease in apples and pears. Part V: Use of silicone-based materials and mechanical methods to eliminate surface arthropod eggs. Postharvest Biol. Technol.

YAKIMA AGRICULTURAL RESEARCH LABORATORY
-MANUSCRIPT LISTING-
Compiled May 2005

SCIENTIST: DAVID R. HORTON

PUBLISHED:

Horton, D.R., T.M. Lewis, D.A.Broers. 2004. Ecological and geographic range expansion of the introduced predator Anthocoris nemoralis (Heteroptera: Anthocoridae) in North America: potential for non-target effects? The American Entomologist. 50: 18-30.

Horton, D.R. 2004. Pear psylla, *Cacopsylla pyricola* (Foerster) (Homoptera: Psyllidae). *In*: J.L. Capinera (ed.), Encyclopedia of Entomology. Kluwer Academic Publishers.

Horton, David R. 2004. Biology of Pacific Coast and sugarbeet wireworm in the Columbia Basin. *Potato Progress*. IV:10. 1-4.

Horton, David R. 2004. Phenology of emergence from overwintering shelters by some predatory arthropods common in pear orchards of the Pacific Northwest. *J of the Entomological Society of British Columbia* 101:101-108.

ACCEPTED: (IN PRESS)

Lewis, T.M., D.R. Horton and D.A. Broers. 2004. New state and United States records for Anthocoridae (Hemiptera:Heteroptera). *Pan-Pacific Entomologist*. (In press)

Horton, D.R., T.M. Lewis and L. G. Neven. 2005. Ovarian development and lipid reserves are affected by mating delays in three species of Anthocoris (Heteroptera: Anthocoridae). *Canadian Entomologist*.

Horton, D.R., M.A. Bayer and T.M. Lewis. 2005. Differences in mating behavior among three populations of *Anthocoris antevolens* White (Heteroptera: Anthocoridae): a comparison of intra-and interpopulation crosses. *Annals of the Entomological Society of America*.

Miliczky, E.R. and D.R. Horton. 2005. Densities of beneficial arthropods within pear and apple orchards affected by distance from adjacent native habitat and association of natural enemies with extra-orchard host plants. *Biological Control*.

Horton, D.R. and T.M. Lewis. 2005. Size and shape differences in genitalia of males from sympatric and reproductively isolated populations of *Anthocoris antevolens* White (Heteroptera: Anthocoridae) in the Yakima Valley, Washington. *Annals of the Entomological Society of America*.

SUBMITTED:

Horton, D.R. and T.R. Unruh. Pear insects, ecology and control. In D. Pimentel (ed.), Encyclopedia of Pest Management. Marcel Dekker, Inc.

SCIENTIST: L.A. LACEY

PUBLISHED:

Shapiro-Ilan, D. I., J. R. Fuxa, L. A. Lacey, D. W. Onstad, and H. K. Kaya. 2005. Definitions of pathogenicity and virulence in invertebrate pathology. J. Invertebr. Pathol. 88: 1-7.

Yee, W. L. and L. A. Lacey. 2005 Mortality of different life stages of *Rhagoletis indifferens* (Diptera: Tephritidae) exposed to the entomopathogenic fungus *Metarhizium anisopliae*. J of Entomol. Sci. 40: 167-177.

Lacey, L. A. 2005. Book review: The Black Flies (Simuliidae) of North America. P. H. Adler, C. Currie, and D. M. Wood. 2004. Cornell University Press, 941 pp. Proc. Entomol. Soc. Wash. 107: 234-236.

Arthurs, S.P. and L.A. Lacey. 2004. Field evaluation of commercial formulations of the codling moth granulovirus: persistence of activity and success of seasonal applications against natural infestations of codling moth in the Pacific Northwest. Biol. Contr. 31:388-397.

Lacey, L. A. 2004. Microbial control of insects. *In*: “Encyclopedia of Entomology” (J. Capinera, ed.). Kluwer Academic Publishers Dordrecht, The Netherlands. pp. 1401-1407.

Lacey, L. A., S. P. Arthurs, A. Knight. K. Becker, and H. Headrick,. 2004. Efficacy of codling moth granulovirus: effect of adjuvants on persistence of activity and comparison with other larvicides in a Pacific Northwest Apple Orchard. J. Entomol. Sci. 39: 500-513.

Lacey, L. A., S. P. Arthurs, D. Thomson, R. Fritts, Jr., and D. Granatstein. 2004. Codling Moth Granulovirus and Insect-Specific Nematodes for Control of Codling Moth in the Pacific Northwest. Tilth Producers Quarterly 13 (2): 10-12 (Trade Journal for Organic Farmers).

Lacey, L. A. and J. Becnel. 2004. Microbial control of medically important insects. *In*: “Encyclopedia of Entomology” (J. Capinera, ed.). Kluwer Academic Publishers Dordrecht, The Netherlands. pp. 1407-1410.

Lacey, L. A., E. Riga, W. Snyder. 2004. The potential for using insect specific pathogens for control of insect pests of potato in North America. Potato Progress. IV (1). Pp 1-3. (Trade Journal).

Pfannenstiel, R. S., M. Szymanski, L. A. Lacey, J. F. Brunner and K. Spence. 2004. Discovery of a granulovirus of *Pandemis pyrusana* (Lepidoptera: Tortricidae), a leafroller pest of apples in Washington. J. Invertebr. Pathol. 86:124-127.

Siegel, J., L. A. Lacey, R. Fritts, Jr. , B. S. Higbee, and P. Noble. 2004. Use of Steinernematid nematodes for postharvest control of navel orangeworm (Lepidoptera: Pyralidae, *Amyelois transitella*) in fallen pistachios. Biol. Contr. 30: 410-417.

Siegel, J., L.A. Lacey, B.S. Higbee, J. Bettiga, and R. Fritts, Jr. 2004. Entomopathogenic nematodes for control of overwintering naval orangeworm. Proc Int Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Oct 31 – Nov 3, 2004, Orlando, FL. pp 72.1-72.4

ACCEPTED:

Kirk, A.A., L.A. Lacey and J. Goolsby. 2005. Foreign exploration for insect natural enemies of *Bemisia* for use in biological control in the USA, a successful program. For USDA book.

Lacey, L.A. and D.I. Shapiro-Ilan. 2005. Microbial control of insect and mite pests in orchards: tools for integrated pest management and sustainable agriculture. Vol 6: IPM and Sustainable Agriculture (R. Dris, ed). WFL Publisher, Helsinki, Finland. In press.

Lacey, L.A., S.P. Wraight and A.A. Kirk. 2005. Entomopathogenic fungi for control of *Bemisia spp*.: foreign exploration, research and implementation. USDA Whitefly book.

Shapiro-Ilan, D.I., L.W. Duncan, L.A. Lacey, and R. Han. 2004. Orchard crops. *In* Nematodes as Biological Control Agents. P.S. Grewal, R.U. Ehlers, and D.I. Shapiro-Ilan (eds). CABI Publishing, Wallingford, Oxon.

SUBMITTED:

Georgis, R., G. Belair, L. Duncan, P. Grewal, A. Koppenhofer, L. Lacey, M. Samish, P. Torr and R. van Tol. Successes and failures of entomopathogenic nematodes. Biol Contr

Alston, D. G., D. E. N. Rangel, L. A. Lacey, H. G. Golez, J. J. Kim, and D.W. Roberts. Susceptibility of southern and northern populations of *Conotrachelus nenuphar* (Coleoptera: Curculionidae) to microbial pathogens in lab and field bioassays. Biol. Contr.

Arthurs, S., L. A. Lacey, and R. Fritts, Jr. Optimizing the use of the codling moth granulovirus: effects of application rate and spraying frequency on control of codling moth larvae in Pacific Northwest apple orchards. J. Econ. Entomol.

Lacey, L. A. *Bacillus thuringiensis* serovariety *israelensis* and *Bacillus sphaericus* for mosquito control. "Biological Control of Mosquitoes" Bull. 6 (revised) Amer. Mosq. Contr. Assoc.

Lacey, L. A., L. G. Neven, H. L. Headrick, and R. Fritts, Jr. Entomopathogenic nematodes for the control of overwintering codling moth in fruit bins. For: J. Econ. Entomol.

Lacey, L. A., and S. Arthurs. New method for testing solar sensitivity of commercial formulations of the granulovirus of codling moth (*Cydia pomonella*, Tortricidae: Lepidoptera). For: J. Invertebr. Pathol.

SCIENTIST: P.J. LANDOLT

PUBLISHED:

Yee, W. and P. Landolt. 2004. Responses of apple maggot (Diptera: Tephritidae) to ammonium hydroxide lures. Can. Entomol. 136:139-142.

Landolt, P. J. R. S. Zack, D. Green, and L. DeCamelo. 2004. Cabbage looper moths, (Lepidoptera: Noctuidae) trapped with male pheromone. Florida Entomol. 87:294-299.

ACCEPTED:

Landolt, P. J. Trapping the meal snout moth, Pyralis farinalis L. (Lepidoptera: Pyralidae) with acetic acid and 3-methyl-1-butanol. J. Kansas Entomol. Soc. (Accepted May 2005).

SUBMITTED:

Reed, H.C., P.J. Landolt. Late season polygynous *Vespula pensylvanica* (Hymenoptera: Vespidae) colonies in a northern temperate area. Pan-Pacific Entomologist.

Zlotina, M. A. and P. J. Landolt. Feeding response of cabbage looper moths (Lepidoptera: Noctuidae) to natural sugars and artificial sweeteners, and monosodium glutamate. Florida Entomol. (Submitted May 2004).

MacKenzie, John K., Peter J. Landolt, and Richard S. Zack. Attraction to peony (*Paeonia*, Paeoniaceae) by *Polistes dominulus* (Hymenoptera: Vespidae) demonstrated using Y-tube and parallel tube olfactometers. Entomologia Experimentalis et Applicata (submitted November 2004).

Curkovic, Tomislav, Jay F. Brunner, and Peter J. Landolt. Courtship behavior in *Choristoneura rosaceana* (Harris) and *Pandemis pyrusana* Kearfott (Lepidoptera: Tortricidae). Ann. Entomol. Soc. Amer. (Submitted Nov. 2004).

MacKenzie, John K., Peter J. Landolt, and Richard S. Zack. Sex attraction in *Polistes dominulus* demonstrated using olfactometers and morphological source extracts. Insect Sociobiol. Ecol. (Submitted March 2005).

Landolt, Peter J., Alberto Pantoja, and Daryl Green. Trapping social wasps (Vespidae) in Alaska with heptyl butyrate and acetic acid with isobutanol lures. J.

Entomol. Soc. British Columbia (submitted March 2005).

Camelo, Leonardo De A., R.S. Zack, P.J. Landolt. Getting the bugs to work for you: Biological control in organic agriculture. Oregon Tilth (Submitted January 2005).

Zack, R. S., D. E. Ruiter, D. L. Stenge, and P. J. Landolt. Adult caddisfly (Trichoptera) phenology at the Hanford Reach National Monument, Washington State. Pan-Pacific Entomologist. (Submitted March 2005).

SCIENTIST: J. E. MUNYANEZA

PUBLISHED:

Jensen, A., P. Hamm, P. Thomas, J. Crosslin, J. Munyaneza, A. Schreiber, and K. Pike. 2004. Purple top, BLTVA, and leafhoppers: an update. Potato Progress: Vol. 4, No. 3, pp. 1-3.

Lee, I-M., K. D. Bottner, J. E. Munyaneza, G. A. Secor, and N. C. Gudmestad. 2004. Clover proliferation group (16SrVI), subgroup A (16SrVI-A) phytoplasma is a probable causal agent of potato purple top disease in Washington and Oregon. Plant Disease 88: 429.

Lee. I-M., K. D. Bottner, J. E. Munyaneza, W. L. Campbell, G. A. Secor, and N. C. Gudmestad. 2004. Closely related but distinct phytoplasmas associated with potato purple top and potato witches'-broom diseases in the US. Phytopathology 94: S58 (Abst.).

Munyaneza, J. E. 2004a. Leafhopper-transmitted diseases: emerging threat to Pacific Northwest potatoes. Proceedings of the University of Idaho Winter Commodity Schools – 2004, pp. 141-150. Pocatello, ID.

Munyaneza, J. E. 2004b. Leafhopper populations dynamics in the south Columbia Basin. 43rd Annual Washington State Potato Conference and Trade Show Proceedings, pp. 51-58. Moses Lake, WA.

J. M. Crosslin, J. E. Munyaneza, A. Jensen, and P. B. Hamm. 2005. Association of the beet leafhopper (Homoptera: Cicadellidae) with a clover proliferation group phytoplasma in Columbia Basin of Washington and Oregon. J. Econ. Entomol. 98: 279-283.

ACCEPTED:

J. E. Munyaneza, J. M. Crosslin, A. S. Jensen, P. B. Hamm, P. E. Thomas, H. Pappu, and A. Schreiber. 2005. Update on the potato purple top disease in the Columbia Basin. Proceedings of the 44th Annual Washington State Potato Conference. Moses Lake, WA.

SUBMITTED:

J. E. Munyaneza, A. S. Jensen, P. B. Hamm, and J. E. Upton. 2005. Seasonal occurrence and abundance of the beet leafhopper (Hemiptera: Cicadellidae) in the potato growing region of Washington and Oregon Columbia Basin. Journal of Economic Entomology (in review).

J. E Munyaneza and J. E. Upton. 2005. Beet leafhopper (Hemiptera: Cicadellidae) feeding behavior, survival, and reproduction on selected preferred and non-preferred host plants. Journal of Economic Entomology (in review).

SCIENTIST: L.G. NEVEN

PUBLISHED:

Fields, P.G., L.G. Neven, and J.A Johnson. 2004. Practical alternatives to methyl bromide for use as quarantine and pre-shipment treatments in North America. Published in Conference on Alternatives to Methyl Bromide, Lisbon, Portugal, European Commission, Brussels, 27-30 Sept 2004

Neven, L.G. 2004. Disinfestations of fresh horticultural commodities by using hot forced air with controlled atmospheres. Book chapter *in* Production Practices and Quality Assessment of Food Crops. Dris and Jain (eds.), Volume 4, *Postharvest Treatment and Technology*: 297-315.

Neven, L.G. 2004. Mortality of the egg and larval stages of the lesser apple worm subjected to cold storage. J. Econ. Entomol. 97:820-823.

Neven, L.G. and K.D. Mantey. 2004. Biology and development of the wild and golden sport of *Grapholita prunivora* (Lepidoptera: Tortricidae). Environmental Entomology. 33:506-512.

Neven, L.G. 2004. Effects of low temperature on egg and larval stages of the lesser appleworm (Lepidoptera: Torticidae). Journal of Economic Entomology. 97:820-823.

Neven, L.G. 2004. High pressure washing and organosilicones: Improvements and impacts on pear quality, pathogens, and surface arthropods. Good Fruit Grower. 55(17):57.

Barcenas, N.M, T.R. Unruh, and L.G. Neven. 2005. DNA diagnostics to identify internal feeders (Lepidoptera: Tortricidae) of pome fruits of quarantine importance. Journal of Economic Entomology.98(2): 299-306.

Marec, Frantisek, L.G. Neven, A.S. Robinson, M. Vreysen, M.R. Goldsmith, J. Nagaraju, and G. Franz. 2005. Development of genetic sexing strains in Lepidoptera: From traditional to transgenic approaches. Journal of Economic Entomology.98(2): 248-259.

YAKIMA AGRICULTURAL RESEARCH LABORATORY
-MANUSCRIPT LISTING-
Compiled May 2005

ACCEPTED:

Neven, L.G. 2005. Combined heat and controlled atmosphere quarantine treatments for control of Codling Moth, *Cydia pomonella*, in sweet cherries. For J Econ Entomol

Horton, D.R., T.M. Lewis and L. G. Neven. 2005. Ovarian development and lipid reserves are affected by mating delays in three species of Anthocoris (Heteroptera: Anthocoridae). *Canadian Entomologist*.

Obenland, D.M., P.W. Neipp, B.E. Mackey, and L.G. Neven. 2005. Peach and Nectarine Quality Following Treatment with High Temperature Forced Air Combined with Controlled Atmospheres. Postharvest Biology and Technology.

Mahroof, R., K.Y. Zhu, L.G. Neven, B. Subramanyam, and J. Bai . 2005. Expression Patterns of Three Heat Shock Protein 70 Genes in Relation to Heat Shock and Developmental Stages in the Red Flour Beetle, Tribolium castaneum (Herbst) (Coleoptera: Tenebrionidae)

SUBMITTED:

Marec, F., L.G. Neven, I. Fukova. Transgenic Approaches to a non-Transgenic release of Sterile Male Lepidoptera. Proceedings from the IAEA-FAO Conference on Insect Control.

Lacey, L.A., H.L. Hedrick, L.G. Neven. Entomopathogenic nematodes for the control of overwintering codling moth in fruit bins. Journal of Economic Entomology.

Mielke, E.A., J. Bai, P.M. Chen, M. Serdani, R.A. Spotts, J.D. Hansen, and L.G. Neven. Effect of a high-pressure hot-water washing system on fruit quality, insects, and disease in apples and pears. Part I. System description. Postharvest Biol. Technol.

Bai , J., E.A. Mielke, P.M. Chen , R.A. Spotts , J.D. Hansen, and L.G. Neven. Effect of a high-pressure hot-water washing system on fruit quality, insects, and disease in apples and pears. Part II. Effect of different washing condition on fruit quality of 'd'Anjou' pears. Postharvest Biol. Technol.

Spotts, R.A, M. Serdani, E.A. Mielke, J. Bai, P.M. Chen, J.D. Hansen, L.G. Neven, and P.G. Sanderson. Effect of a high-pressure hot water washing system on fruit quality, insects, and disease in apples and pears. Part III. Effect on postharvest decay of d'Anjou pear fruit. Postharvest Biol. Technol.

Hansen, J. D., M. L. Heidt, L. G. Neven, E. A. Mielk, J. Bai, P. M. Chen, and R. A. Spotts. Effect of a high-pressure hot water washing system on fruit quality, insects, and disease in apples and pears. Part IV.. Use of silicone-based materials and mechanical methods to eliminate surface pests. Postharv. Biol. Technol.

Neven, L.G., J.D. Hansen, R.A. Spotts, M. Serdani, E.A. Mielke, J. Bai, P.M. Chen, and P.G. Sanderson. Effect of a high-pressure hot water washing system on fruit quality, insects, and disease in apples and pears. Part V: Use of silicone-based materials and mechanical methods to eliminate surface arthropod eggs. Postharvest Biol. Technol.

SCIENTIST: WEE YEE

PUBLISHED:

Yee, W. L. and P. J. Landolt. 2004. Responses of apple maggot (Diptera: Tephritidae) to ammonium hydroxide lures. The Canadian Entomologist. 136: 139-142.

Yee, W. L., P. A. Phillips. 2004. Differential mortality of natural enemies exposed to avocado leaves treated with Malathion bait spray during a Mediterranean fruit fly eradication program. Southwestern Entomol. 29: 175-184.

Yee, W.L. and L.A. Lacey. 2005. Mortality of different life stages of *Rhagoletis indifferens* (Diptera: Tephritidae) exposed to the entomopathogenic fungus *Metarhizium anisopliae*. J of Entomol. Sci. 40: 167-177.

ACCEPTED (IN PRESS)

Yee, W. L. 2005. Seasonal distributions of eggs and larvae of *Rhagoletis indifferens* (Diptera: Tephritdae) in cherries. J. Entomol. Sci.

Yee, W.L., R.B. Goughnour. 2005. New hosts of Western Cherry Fruit Flies, *Rhagoletis indifferens* (Diptera: Tephritidae), and their relation to biological characteristics of the flies. Ann. Entomol. Soc. Am.

Yee, W. L. and P. S. Chapman. 2005. Effects of GF-120 Fruit Fly Bait Concentrations on Attraction, Feeding, Mortality, and Control of *Rhagoletis indifferens* (Diptera: Tephritidae). J. Econ. Entomol.

Hansen, J. D., D. W. Schlaman, R. P. Haff, and W. L. Yee. 2005. Potential postharvest use of radiography to detect internal pests in deciduous tree fruits. J. Entomol. Sci.

SUBMITTED:

Yee, W. L. Seasonal mating activity and behaviors of western cherry fruit flies, *Rhagoletis indifferens* (Diptera: Tehpritidae), in the field and laboratory. J. Kansas Entomol. Soc.

Yee, W. L. Birds and other factors associated with greater abundance of *Rhagoletis indifferens* (Diptera: Tephritidae) on sour than sweet cherry trees. Environ. Entomol.

Yee, W.L. Effects of Surround WP particle film on feeding and oviposition of Western Cherry Fruit Flies on sweet cherry. J. of Economic Entomology.