

## **VAUGHN MARTIN WALTON (0.375 FTE TO WINEGRAPE)**

Professor, Horticultural Entomologist  
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Extension 45%, Research 40%, Teaching 10%, Service 5%

### **A. EDUCATION AND EMPLOYMENT INFORMATION**

#### Education

Ph.D., Entomology, Stellenbosch University, South Africa, 2003  
M.Sc., Integrated Pest Management, Stellenbosch University, 1998  
H.E.D. (Teaching Higher Education Diploma), Stellenbosch University, 1993  
B.Sc., Botany and Zoology, Stellenbosch University, 1992

#### Applicable Employment History

2017-Present. Professor, Department of Horticulture, Oregon State University  
2012-2017. Associate Professor, Department of Horticulture, Oregon State University  
2006-2012. Assistant Professor, Department of Horticulture, Oregon State University, Corvallis, Oregon  
2003-2005. Postdoctoral Researcher, Department of Environmental Science, Policy, and Management, University of California, Berkeley, California  
2003-2005. Research Associate, Department of Conservation Ecology & Entomology, Stellenbosch University.  
1999-2003. Research and Extension Entomologist, Agricultural Research Council (South Africa USDA equivalent)

#### **Papers in print**

##### i) Peer-refereed

Mermer, S., F. Pfab, G. A. Hoheisel, H. Y. Bahlol, L. Khot, D. T. Dalton, L. J. Brewer, M. V. R. Stacconi, C. Zhang, L. Xue, and V. M. Walton. 2020. Canopy spray deposition and related mortality impacts of commonly used insecticides on *Drosophila suzukii* Matsumura (Diptera: Drosophilidae) populations in blueberry. *Pest Management Science*. 10.1002/ps.5672

Tait, G., K. Park, R. Nieri, M. C. Crava, S. Mermer, E. Clappa, G. Boyer, D. T. Dalton, S. Carlin, L. Brewer, V. M. Walton, G. Anfora, and M. V. Rossi-Stacconi. 2020. Reproductive Site Selection: Evidence of an Oviposition Cue in a Highly Adaptive Dipteran, *Drosophila suzukii* (Diptera: Drosophilidae). *Environ. Entomol.* 10.1093/ee/nvaa005

Cloonan, K.R., Hernández-Cumplido, J., De Sousa, A.L.V., Ramalho, D.G., Burrack, H.J., Della Rosa, L., Diepenbrock, L.M., Ballman, E., Drummond, F.A., Gut, L.J., Hesler, S., Isaacs, R., Leach, H., Loeb, G.M., Nielsen, A.L., Nitzsche, P., Park, K.R., Syed, Z., Van

- Timmeren, S., Wallingford, A.K., Walton, V.M., Rodriguez-Saona, C., 2019. Laboratory and Field Evaluation of Host-Related Foraging Odor-Cue Combinations to Attract *Drosophila suzukii* (Diptera: Drosophilidae). *J Econ Entomol.* <https://doi.org/10.1093/jee/toz224>
- Dalton, D.T., Hilton, R.J., Kaiser, C., Daane, K.M., Sudarshana, M.R., Vo, J., Zalom, F.G., Buser, J.Z., Walton, V.M., 2019. Spatial Associations of Vines Infected With Grapevine Red Blotch Virus in Oregon Vineyards. *Plant Disease* PDIS-08-18-1306-RE. <https://doi.org/10.1094/PDIS-08-18-1306-RE>
- Lee, J.C., Wang, X., Daane, K.M., Hoelmer, K.A., Isaacs, R., Sial, A.A., Walton, V.M., 2019. Biological Control of Spotted-Wing *Drosophila* (Diptera: Drosophilidae)—Current and Pending Tactics. *J Integr Pest Manag* 10. <https://doi.org/10.1093/jipm/pmz012>
- Miller, B., Dalton, D.T., Xue, L., Rossi Stacconi, M.V., Walton, V.M., 2019. Use of filbertworm (*Cydia latiferreana*) mating disruption within a hazelnut IPM program. *Crop Protection* 122, 118–124. <https://doi.org/10.1016/j.cropro.2019.04.030>
- Rendon, D., Hamby, K.A., Arsenault, Benoit, A.L., Taylor, C.M., Evans, R.K., Roubos, C.R., Sial, A.A., Rogers, M., Petran, A., Timmeren, S.V., Fanning, P., Isaacs, R., Walton, V., n.d. Mulching as a cultural control strategy for *Drosophila suzukii* in blueberry. *Pest Management Science* 0. <https://doi.org/10.1002/ps.5512>
- Rendon, D., Walton, V., Tait, G., Buser, J., Souza, I.L., Wallingford, A., Loeb, G., Lee, J., 2019. Interactions among morphotype, nutrition, and temperature impact fitness of an invasive fly. *Ecology and Evolution* 9, 2615–2628. <https://doi.org/10.1002/ece3.4928>
- Silva, Cherre Sade Bezerra Da, Park, K.R., Blood, R.A., Walton, V.M., 2019a. Intraspecific Competition Affects the Pupation Behavior of Spotted-Wing *Drosophila* (*Drosophila suzukii*). *Scientific Reports* 9, 7775. <https://doi.org/10.1038/s41598-019-44248-6>
- Silva, Cherre S. Bezerra Da, Price, B.E., Soohoo-Hui, A., Walton, V.M., 2019. Factors affecting the biology of *Pachycrepoideus vindemmiae* (Hymenoptera: Pteromalidae), a parasitoid of spotted-wing drosophila (*Drosophila suzukii*). *PLOS ONE* 14, e0218301. <https://doi.org/10.1371/journal.pone.0218301>
- Silva, Cherre Sade Bezerra Da, Price, B.E., Walton, V.M., 2019b. Water-Deprived Parasitic Wasps (*Pachycrepoideus vindemmiae*) Kill More Pupae of a Pest (*Drosophila suzukii*) as a Water-Intake Strategy. *Scientific Reports* 9, 3592. <https://doi.org/10.1038/s41598-019-40256-8>
- Stockton, D., Wallingford, A., Rendon, D., Fanning, P., Green, C.K., Diepenbrock, L., Ballman, E., Walton, V.M., Isaacs, R., Leach, H., Sial, A.A., Drummond, F., Burrack, H., Loeb, G.M., 2019. Interactions Between Biotic and Abiotic Factors Affect Survival in Overwintering *Drosophila suzukii* (Diptera: Drosophilidae). *Environmental Entomology* 48, 454–464. <https://doi.org/10.1093/ee/nvy192>
- Rendon D., Lee J. C., Tait G., Buser J., Lemos Souza I., Wallingford A., Loeb G., Walton V. M. 2018. Dietary composition (protein: carbohydrate) influences lifespan and fecundity in winter and summer morphs of an invasive fly at low temperatures. Accepted
- Rendon D., Lee J. C., Tait G., Buser J., Walton V. M. 2018. Survival and fecundity parameters of two *Drosophila suzukii* morphs on variable diet under suboptimal temperatures. *Journal of Insect Science*, Volume 18, Issue 6, <https://doi.org/10.1093/jisesa/iey113>

- Tait G., C. Kaiser, Rossi-Stacconi M. V. , Dalton D.T., Anfora G. Walton V. M. 2018. A food-grade gum as a management tool for *Drosophila suzukii*. *Bulletin of Insectology* 71 (2): 295-307
- Daane, K. M., M. C. Middleton, R. F. H. Sforza, N. Kamps-Hughes, G. W. Watson, R. P. P. Almeida, M. C. G. Correa, D. A. Downie, and V. M. Walton. 2018. Determining the geographic origin of invasive populations of the mealybug *Planococcus ficus* based on molecular genetic analysis. *PLOS ONE*. 13: e0193852.
- Grassi, A., A. Gottardello, D. T. Dalton, G. Tait, D. Rendon, C. Ioriatti, D. Gibeaut, R. Stacconi, M. Valerio, and V. M. Walton. 2018. Seasonal Reproductive Biology of *Drosophila suzukii* (Diptera: Drosophilidae) in Temperate Climates. *Environ Entomol.* 47: 166–174.
- Ioriatti, C., R. Guzzon, G. Anfora, F. Ghidoni, V. Mazzoni, T. R. Villegas, D. T. Dalton, and V. M. Walton. 2018. *Drosophila suzukii* (Diptera: Drosophilidae) Contributes to the Development of Sour Rot in Grape. *J Econ Entomol.* 111: 283–292.
- Lowenstein, D. M., and V. M. Walton. 2018. *Halyomorpha halys* (Hemiptera: Pentatomidae) Winter Survival, Feeding Activity, and Reproduction Rates Based on Episodic Cold Shock and Winter Temperature Regimes. *J Econ Entomol.* 111: 1210–1218.
- Pfab, F., M. V. R. Stacconi, G. Anfora, A. Grassi, V. Walton, and A. Pugliese. 2018. Optimized timing of parasitoid release: a mathematical model for biological control of *Drosophila suzukii*. *Theor Ecol.* 1–13.
- Tait, G., A. Grassi, F. Pfab, C. M. Crava, D. T. Dalton, R. Magarey, L. Ometto, S. Vezzulli, M. V. Rossi-Stacconi, A. Gottardello, A. Pugliese, G. Firrao, V. M. Walton, and G. Anfora. 2018. Large-scale spatial dynamics of *Drosophila suzukii* in Trentino, Italy. *J Pest Sci.* 1–12.
- Wang, X.-G., M. A. Serrato, Y. Son, V. M. Walton, B. N. Hogg, and K. M. Daane. 2018. Thermal Performance of Two Indigenous Pupal Parasitoids Attacking the Invasive *Drosophila suzukii* (Diptera: Drosophilidae). *Environ Entomol.* 47: 764–772.
- Biondi, A., X. Wang, J. C. Miller, B. Miller, P. W. Shearer, L. Zappalà, G. Siscaro, V. W. Walton, K. A. Hoelmer, and K. M. Daane. 2017. Innate Olfactory Responses of *Asobara japonica* Toward Fruits Infested by the Invasive Spotted Wing *Drosophila*. *J Insect Behav.* 30: 495–506.
- Mohekar, P., J. Osborne, N. G. Wiman, V. Walton, and E. Tomasino. 2017. Influence of Winemaking Processing Steps on the Amounts of (E)-2-Decenal and Tridecane as Off-Odorants Caused by Brown Marmorated Stink Bug (*Halyomorpha halys*). *J. Agric. Food Chem.* 65: 872–878.
- Berset, J. D., S. Mermer, A. E. Robel, V. M. Walton, M. L. Chien, and J. A. Field. 2017. Direct residue analysis of systemic insecticides and some of their relevant metabolites in wines by liquid chromatography – mass spectrometry. *Journal of Chromatography A.* 1506: 45–54.
- Hamby, K. A., Bellamy, D. E., Chiu, J. C., Lee, J. C., Walton, V. M., Wiman, N. G. and Biondi, A. 2016. Biotic and abiotic factors impacting development, behavior, phenology, and reproductive biology of *Drosophila suzukii*. *J Pest Sci.* 1-15.
- Tochen S., Vaughn M. Walton and Jana C. Lee 2016. Impact of floral feeding on adult *Drosophila suzukii* survival and nutrient status. *J Pest Sci* DOI: 10.1007/s10340-016-0762-7.

- Wiman N. G., Gianfranco Anfora, Antonio Biondi, Joanna C. Chiu, Kent M. Daane, Daniel T. Dalton, Beverly Gerdeman, Angela Gottardello, Kelly A. Hamby, Rufus Isaacs, Alberto Grassi, Claudio Ioriatti, Jana C. Lee, Betsey Miller, M. Valerio Rossi Stacconi, Peter W. Shearer, Lynell Tanigoshi, Xingeng Wang and V. M. Walton 2016. *Drosophila suzukii* population response to the environment and management strategies. J Pest Sci DOI: 10.1007/s10340-016-0757-4.
- Shearer P. W., West J., Walton V.M., Brown P., Svetec N., and Chiu, J. 2016. Environmental cues enhance winter survival of *Drosophila suzukii*. BMC Ecology, 16:11. DOI: 10.1186/s12898-016-0070-3.
- Wang XG, Stewart TG, Biondi A, Chavez BM, Ingels C, Caprile JA, Grant J, Walton VM, and Daane KM 2016. Population dynamics and ecology of *Drosophila suzukii* in Central California. J Pest Sci DOI: 10.1007/s10340-016-0747-6.
- Daane KM, Xin-Geng Wang, Antonio Biondi, Betsey Miller, Jeffrey C. Miller, Helmut Riedl, Peter W. Shearer, Emilio Guerrieri, Massimo Giorgini, Matthew Buffington, Kees van Achterberg, Yoohan Song, Taegun Kang, Hoonbok Yi, Chuleui Jung, Dong Woon Lee, Bu-Keun Chung, Kim A. Hoelmer, and Vaughn M. Walton 2016. First exploration of parasitoids of *Drosophila suzukii* in South Korea as potential classical biological agents. J. Pest Sci. DOI 10.1007/s10340-016-0740-0
- Miller B, Anfora G, Buffington M, Daane KM, Dalton DT, Hoelmer KM, Stacconi MV, Grassi A, Ioriatti C, Loni A, Miller JC, M'bark Quantar, X. Wang, Nik G. Wiman, and Vaughn M. Walton 2015. Seasonal occurrence of resident parasitoids associated with *Drosophila suzukii* in two small fruit production regions of Italy and the USA. Bull Insectology 68(2): 255-63.
- Lee, Jana C., Daniel T. Dalton, Katharine A. Swoboda-Bhattarai, Denny J. Bruck, Hannah J. Burrack, Bernadine C. Strik, J. Megan Woltz, and Vaughn M. Walton 2015. Characterization and manipulation of fruit susceptibility to *Drosophila suzukii*. J. Pest Sci. 10.1007/s10340-015-0692-9.
- Asplen M.K., Gianfranco Anfora, Antonio Biondi, Deuk-Soo Choi, Dong Chu, Kent M Daane, Patricia Gibert, Andrew P Gutierrez, Kim A Hoelmer, William D Hutchison, Rufus Isaacs, Zhi-Lin Jiang, Zsolt Kárpáti, Masahito T Kimura, Marta Pascual, Christopher R Philips, Christophe Plantamp, Luigi Ponti, Gábor Véték, Heidrun Vogt, Vaughn M Walton, Yi Yu, Lucia Zappalà, and Nicolas Desneux 2015. Invasion biology of spotted wing *Drosophila* (*Drosophila suzukii*): a global perspective and future priorities. J. Pest Sci. 88: 469-494.
- Tochen S, Woltz JM, Dalton DT, Lee JC, Wiman NG, and Walton VM 2015. Humidity affects populations of *Drosophila suzukii* (Diptera: Drosophilidae) in blueberry. J. Appl. Entomol.. doi: 10.1111/jen.12247.
- Ioriatti, C., Walton, V., Dalton, D., Anfora, G., Grassi, A., Maistri, S. and Mazzoni, V. 2015. *Drosophila suzukii* (Diptera: Drosophilidae) and its potential impact to wine grapes during harvest in two cool climate wine grape production regions. J. of Econ. Entomol., <http://dx.doi.org/10.1093/jee/tov042>.
- M. Valerio Rossi Stacconi, M. Buffington, K. M. Daane, D. T. Dalton, A. Grassi, G. Kaçar, B. Miller, J. C. Miller, N. Baser, C. Ioriatti, V. M. Walton, N. Wiman, X. Wang, and G. Anfora 2015. Host stage preference, efficacy and fecundity of parasitoids attacking *Drosophila suzukii* in newly invaded areas. Biol. Contr. 84: 28-35.

- Murphy K.A., T. R. Unruh, L. M. Zhou, F. G. Zalom, P. W. Shearer, E. H. Beers, V. M. Walton, B. Miller, and J. C. Chiu 2015. Using comparative genomics to develop a molecular diagnostic for the identification of an emerging pest *Drosophila suzukii*. Bull. Entomol. Res. 105(03): 364-372.
- Wiman N. G., VM Walton, DT Dalton, G Anfora, HJ Burrack, and JC Chiu, 2014. Integrating temperature-dependent life table data into a matrix projection model for *Drosophila suzukii* population estimation PloS one: DOI: 10.1371/journal.pone.0106909
- Wiman N. G., VM Walton, PW Shearer, and SI Rondon 2014. Electronically Monitored Labial Dabbing and Stylet 'Probing' Behaviors of Brown Marmorated Stink Bug, *Halyomorpha halys*, in Simulated Environments. 2014 PloS one: DOI: 10.1371/journal.pone.0113514.
- Wiman, N.G., V.M. Walton, P.W. Shearer, S.I. Rondon, and J.C. Lee. 2014. Factors affecting flight capacity of brown marmorated stink bug, *Halyomorpha halys* (Hemiptera: Pentatomidae). J. Pest Sci. DOI:10.1007/s10340-014-0582-6.
- Tochen, S., D. T. Dalton, N. G. Wiman, C. Hamm, P. W. Shearer, and V. M. Walton. 2014. Temperature-related development and population parameters for *Drosophila suzukii* (Diptera: Drosophilidae) on cherry and blueberry. Environ. Entomol. DOI: <http://dx.doi.org/10.1603/EN13200>.
- Chiu J.C., Jiang X., Zhao L., Hamm C.A., Cridland J.M., Saelao P., Hamby K.A., Lee E.K., Kwok R.S., Zhang G., Zalom F.G., Walton V.M., and Begun D.J. 2013. Genome of *Drosophila suzukii*, the Spotted Wing Drosophila. G3-Genes Genomes Genetics (Bethesda). 9: 2257-71. DOI: 10.1534/g3.113.008185
- Lee, J. C., Shearer, P. W., Barrantes, L., Beers, E., Burrack, H., Dalton D. T., Dreves, A. J., Gut L. J., Hamby, K A., Havilland D R., Isaacs, R., Nielsen A. L., Richardson, T, Rodriguez-Saona C., Stanley, C. A., Walsh, D. B., Walton V. M., Yee, W. L., Zalom, F. G., and D J. Bruck, 2013. Trap Designs for Monitoring *Drosophila suzukii* (Diptera: Drosophilidae). Environ. Entomol. 42 (6): 1348-1355.
- Rossi Stacconi M.V., Grassi A., Dalton D., Miller B., Ouantar M., Ioriatti C., Walton V., and Anfora G. 2013. First field records of *Pachycrepoideus vindemmia* (Rondani) (Hymenoptera Pteromalidae) as a parasitoid of *Drosophila suzukii* in European and Oregon Small fruit production areas. Entomologia 1: 11-16.
- Walton V.M., Dalton D.T., Daane K. M., Kaiser C. and Hilton R. J. 2013. Seasonal Phenology of *Pseudococcus maritimus* (Hemiptera: Pseudococcidae) and Pheromone-Baited Trap Survey of Four Important Mealybug Species in Three Wine Grape Growing Regions of Oregon. Ann Entomol Soc Amer 106(4): 471-478.
- Gadino A. N., Walton V. M. and J. C. Lee, 2012. Evaluation of methyl salicylate lures on populations of *Typhlodromus pyri* (Acari: Phytoseiidae) and other natural enemies in western Oregon vineyards. Biol. Contr., 63, 1: 48-55.
- Lee J. C., Burrack H. J., Barrantes L. D., Beers E. H., Dreves A. J., Hamby K., Haviland D. R., Isaacs R., Richardson T., Shearer P., Stanley C.A., Walsh D. B, Walton V. M. and F. G. Zalom 2012. Evaluation of monitoring traps for *Drosophila suzukii* (Diptera: Drosophilidae) in North America. J. Econ. Entomol. 105, 4: 1350-1357.

## ii. Book Chapters

- Loeb G. E., Walton V. M., and Zalom F. G. 2015. Compendium of Grape Diseases, Disorders, and Pests, Second Edition Edited by Wayne F. Wilcox, Walter D. Gubler, and Jerry K. Uyemoto In Part II (pp.147-157). Mites and insects that cause diseaselike symptoms in grapes. APS Press.
- Walton, V. M., 2014. CABI, Invasive Species Compendium, Brown Marmorated Stink Bug, Impacts: Original text by V. M., Walton. In: Invasive Species Compendium. Wallingford, UK: CAB International. [www.cabi.org/isc/datasheet/27377](http://www.cabi.org/isc/datasheet/27377).
- Walton V.M., Daane, K.M. and P. Addison. 2012. Principles of Biological Control in Vineyards. In: Vineyard Pest Management, Bostanian and Isaacs (Eds.) Elsevier press.
- Daane K.M., Walton, V.M., Sforza, R., and R. Ripa. 2012. Mealybugs. In: Vineyard Pest Management, Bostanian and Isaacs (Eds.) Elsevier press.

### iii. Peer Reviewed Publications

- Mermer, S., L. Brewer, D. Dalton, R. Nieri, K. Park, F. Pfab, M. V. Rossi-Stacconi, and V. Walton. 2019. Improved Chemical Control Strategies for Spotted-wing Drosophila. Oregon State University Extension Service EM 9265.
- Mermer, S., G. A. Hoheisel, H. Y. Bahlol, L. Khot, D. Rendon, L. Brewer, D. Dalton, R. Nieri, K. Park, F. Pfab, M. V. Rossi-Stacconi, and V. Walton. 2019. Optimizing Chemical Control of Spotted-wing Drosophila. Oregon State University Extension Service EM 9266.
- Rendon, D., S. Mermer, L. Brewer, D. Dalton, C. B. D. Silva, J. Lee, R. Nieri, K. Park, F. Pfab, G. Tait, N. Wiman, and V. Walton. 2019. Cultural Control Strategies to Manage Spotted-wing Drosophila. Oregon State University Extension Service EM 9262.
- Rossi-Stacconi, M. V., L. Brewer, D. Dalton, J. Lee, R. Nieri, K. Park, F. Pfab, G. Tait, and V. Walton. 2019. Host Range and Characteristics Affecting Fruit Susceptibility to Spotted-wing Drosophila. Oregon State University Extension Service EM 9263.
- Rossi-Stacconi, M. V., L. Brewer, B. Miller, D. Dalton, J. Lee, K. Park, F. Pfab, V. Walton, and C. B. D. Silva. 2019. Biocontrol of Spotted-wing Drosophila. Oregon State University Extension Service EM 9229.
- Silva, C. B. D., B. E. Price, D. Dalton, D. Rendon, K. Park, L. Brewer, V. Walton, and M. V. Rossi-Stacconi. 2019. Potential Impacts of Irrigation and Biocontrol on Spotted-wing Drosophila Populations. Oregon State University Extension Service EM 9268.
- Tait, G., D. Rendon, L. Brewer, D. Dalton, J. Lee, R. Nieri, K. Park, F. Pfab, M. V. Rossi-Stacconi, and V. Walton. 2019. Noncrop Host Plants Used By Spotted-wing Drosophila. 3.
- Tait, G., M. V. Rossi-Stacconi, B. Miller, D. Dalton, J. Lee, K. Park, V. Walton, T. Peerbolt, and L. Brewer. n.d. Monitoring Techniques for Spotted-wing Drosophila. Oregon State University Extension Service EM 9267.
- Walton, V., L. Brewer, D. Dalton, S. Tochen, R. Nieri, K. Park, F. Pfab, D. Rendon, G. Tait, N. Wiman, and M. V. Rossi. 2019. How Seasons Affect Population Structure, Behavior and Risk on Spotted-wing Drosophila. Oregon State University Extension Service EM 9261.
- Asfaq Sial et al. 2018. Organic spotted-wing drosophila management. University of Georgia Extension Wulletin.
- David Lowenstein, Chris Hedstrom, Nik Wiman, Heather Andrews, Richard Hilton, Clive Kaiser, Jana Lee, Vaughn M. Walton. 2017. Samurai wasp: Promising egg parasitoid for

- management of Brown Marmorated Stink Bug (BMSB) EM 9164, Oregon State University Extension Service.
- David Lowenstein, Chris Hedstrom, Nik Wiman, Heather Andrews, Richard Hilton, Clive Kaiser, Jana Lee, Vaughn M. Walton. 2017. *Trissolcus japonicus*: Avispa parasitoide prometedora para el manejo de la chinche hedionda marrón marmoleada (CHMM). EM 9164S, Oregon State University Extension Service.
- Anne L. Nielsen, Monique Riviera and Dean Plok (Rutgers university), Tracy Leskey, Rob Morrison (USDA ARS), Daniel Dalton, Chris Hedstrom, Elizabeth Tomasino, Vaughn Walton, Nik Wiman (Oregon State University). Integrated Pest Management for Brown Marmorated Stink Bug in Vineyards. NE IPM Center Extension Bulletin, August 2016. *Role: Co- author, I wrote the portion pertaining to BMSB biology in winegrape, provided photo's and edited the final manuscript.*
- Nik Wiman, Vaughn Walton (Oregon State University), Cesar Rodriguez-Saona (Rutgers University), Doug Pfeiffer (Virginia Tech), William R. Morrison III and Tracy Leskey (USDA ARS). Integrated Pest Management for Brown Marmorated Stink Bug in Small Fruit. NE IPM Center Extension Bulletin, July 2016. *Role: Co- author, I wrote the portion pertaining to BMSB biology in hazelnut, provided photo's and edited the final manuscript.*
- Bergh C., Angel Acebes-Doria, Tracy Leskey, Rob Morrison, Brent Short, Greg Krawczyk, Jim Walgenbach, Arthur Agnello, Peter Jentsch, George Hamilton, Anne Nielsen, Brett Blaauw, Vaughn Walton, Nik Wiman, Chris Hedstrom, Peter Shearer and Betsy Beers. Integrated Pest Management for Brown Marmorated Stink Bug in Orchard Crops. NE IPM Center Extension Bulletin, June 2016.
- Wiman N., Dalton D., Brewer L., Shearer P., and V. Walton 2016. How to Monitor for Brown Marmorated Stink Bug in Specialty Crops. Oregon State University, Extension Service EM 9138.
- Skinkis P.A., Walton V.M., Dreves A.J., Kaiser C., Renquist S., Castagnoli S., Hilton R., Brewer L.J. 2016. Recognize the Symptoms and Causes of Stunted Growth in Vineyards. Oregon State University, Extension Service EM 8975.
- Addison P., Walton V.M. and Mitchell K., 2015. New Fruit Pest? WineLand Technical, 2015 <http://www.wineland.co.za/technical/new-fruit-pest>.
- Miller B., Walton V, White L, Bruck D, Brewer L. 2015. Biological Control of Black Vine Weevil Larvae in Cranberry. Oregon State University, Extension Service EM 9108.
- Pscheidt J. W., Peachey E. and V. Walton 2015. Apple 2015 Pest Management Guide for the Willamette Valley. Oregon State University Extension Service, EM 8418.
- Pscheidt J. W., Peachey E. and V. Walton 2015. Walnut 2015 Pest Management Guide for the Willamette Valley. Oregon State University Extension Service, EM 8421.
- Pscheidt J. W., Peachey E. and V. Walton 2015. Hazelnut 2015 Pest Management Guide for the Willamette Valley. Oregon State University Extension Service, EM 8328. \_
- Skinkis P., Pscheidt J., Walton V.M., Dreves A.J. , Peachey E., Allen N., and J. Sanchez. 2007-2019. Pest Management Guide for Wine Grapes in Oregon. OSU Extension Service EM8413E.

- Wiman, N., Shearer, P.; Miller J.; Hedstrom, C. S., Walton, V. M., Brewer, L. J. 2014. How to recognize brown marmorated stink bug damage in commercial hazelnuts. Oregon State University. Extension Service; EM 9102.
- Dalton, D. T., Daane, K. Kaiser, C. Hilton, R. Walton, V. M., Brewer, L. J. 2014. Distribution and monitoring of grape mealybug: a key vector of grapevine leafroll disease in Oregon. Oregon State University. Extension Service; EM9092
- Gadino, A. N. Walton, V. M., Dreves, A. J., Jones, G. V.; Brewer, L. J. 2014. Evaluating compatibility of horticultural oils and sulfur with vineyard IPM. Oregon State University. Extension Service. EM9095.
- Hedstrom C., Wiman N., Walton V., Shearer P., Rondon S. and J., Lee 2013. Brown Marmorated Stink bug, *Halyomorpha halys*, Oregon state University Extension Service, EM9054. (Also available in Spanish EM 9054 S)
- Grafton-Cardwell E., Carroll D., Bentley W., J., Haviland D. R., and V. M. Walton 2013. Pomegranate: UCIPM Pest Management Guidelines Publication 3474.  
<http://www.ipm.ucdavis.edu/PDF/PMG/pmgpomegranate.pdf>
- Walton V. and Dalton, D., 2013. Mealybugs In Section 3, Insect and Mite Management. Field Guide for Integrated Pest Management in Pacific Northwest Vineyards, A PNW Extension Publication, PNW644. (M. Moyer, S O'Neal Eds).