**Publications (January 1, 2023 to December 30, 2023)**

**Peer-reviewed scientific publications.**

Belo T.R., du Toit L.J., Waters T.D., Derie M.L., Schacht B., and G.T. LaHue. 2023. Reducing the risk of onion bacterial diseases through managing irrigation frequency and final irrigation timing. Agric. Water Manag. 288:108476. https://doi.org/10.1016/j.agwat.2023.108476

Belo T.R., du Toit L.J., and G.T. LaHue. 2023. Reducing the risk of onion bacterial diseases through irrigation, fertility, and other cultural management strategies. Agron. J. 115:459–473. <http://dx.doi.org/10.1002/agj2.21301>

Cao, Y., G. Qi, F. Jiang, G. Salvatore Germinara, Z. Feng, C. Wang, Y. Gao, S. R. Reitz, and C. Li. 2023. Population performance and enzyme activities of four thrips species feeding on flowers of *Magnolia* *grandiflora* (Ranunculales: Magnolia). Pest Management Science 79:3239–3249. DOI 10.1002/ps.7509

de Jesus, H.I., Cassity-Duffey, K., Dutta, B., da Silva, A.L.B.R., and T. Coolong. 2024. Influence of Soil Type and Temperature on Nitrogen Mineralization from Organic Fertilizers. Nitrogen 5: 47–61. https://doi.org/10.3390/nitrogen5010004.

de Jesus, H., Cassity-Duffey, K., da Silva, A. L. B. R., Dutta, B., and T. Coolong. 2023. Influence of organic fertilizer sources and application rates on onion production in Georgia, USA. HortTechnology 33:398-406.

Filgueiras, C., E. Shields, B. A. Nault and D. Willett. 2023. Entomopathogenic nematodes for field control of onion maggot (*Delia antiqua*) and compatibility with seed treatments. Insects 14*(7):* 623; <https://doi.org/10.3390/insects14070623>.

Greenway, G., S.R. Reitz, and B.A. Nault. 2023. A cost-benefit analysis of novel, IPM-based approaches to onion thrips management in US dry bulb onions. Horticulturae 9:1219 <https://doi.org/10.3390/horticulturae9111219>.

Heck, D.W., Hay, F., and S.J. Pethybridge. 2023. Enabling population biology studies of *Stemphylium vesicarium* from onion with microsatellites. Plant Dis. <https://apsjournals.apsnet.org/doi/10.1094/PDIS-04-23-0706-RE>

Hua, G.K.H., Wilson, R.G.,andJ.K.S.Dung 2023. Evaluation of lure crops for the integrated management of white rot (*Sclerotium* *cepivorum*) in *Allium* crops. Plant Disease (*in print*). <https://doi.org/10.1094/PDIS-04-23-0688-RE>.

Iftikhar, R., A. Ghosh, and H.R. Pappu. 2023. Mitochondrial genetic diversity of *Thrips tabaci* (Thysanoptera: Thripidae) in onion growing regions of the USA. J. Econ. Entom. 116(3):1025-1032. <https://doi.org/10.1093/jee/toad039>

Koirala, S., Myers, B., Shin, G.Y., Gitaitis, R., Kvitko., B., and B. Dutta. 2023. Evaluating options to increase the efficacy of biocontrol agents for the management of *Pantoea* spp. under field conditions. *Plant Dis.* 107:2701-2708.

Komondy, L., C. Hoepting, M. Fuchs, S. J. Pethybridge, and B. A. Nault. 2023. Identifying onion fields at risk of Iris yellow spot virus in New York. Plant Dis. <https://doi.org/10.1094/PDIS-10-23-2097-RE>.

Komondy, L., C. Hoepting, M. Fuchs, S. J. Pethybridge, and B. A. Nault. 2023. Spatiotemporal patterns of iris yellow spot virus and its onion thrips vector, *Thrips tabaci*, in transplanted and seeded onion fields in New York. Plant Dis. <https://doi.org/10.1094/PDIS-05-23-0930-RE>.

Lai, P.-C., E. A. Grundberg, T. Rusinek, and B. A. Nault. 2023. Evaluation of reflective mulch and insect exclusion coverings for allium leafminer (Diptera: Agromyzidae) management in *Allium* crops. J. Econ. Entomol. (toad235, <https://doi.org/10.1093/jee/toad235>).

Lai, P.-C., R. K. Sandhi, and B. A. Nault. 2023. Allium leafminer (Diptera: Agromyzidae) host preference: implications for developing a trap cropping strategy. Front. Insect Sci. 3:1233130 <https://doi.org/10.3389/finsc.2023.1233130>.

Myers, B. Shin, G.Y., Stice, S., Agarwal, G., Gitaitis, R., Kvitko, B., and B. Dutta. 2023. Genome-wide association and dissociation studies in *P. ananatis* reveal potential virulence factors affecting *Allium porrum* and *A. fistulosum* x *A. cepa* hybrid. Front. Microbiol*.* 13:1094155. 13:1094155.

Sharma, S. and C.S. Cramer. 2023. Reduced Iris yellow spot symptom expression in the selected germplasm. Vegetable Research 3: 26. <https://doi.org/10.48130/VR-2023-0026>.

Sharma, S. and C.S. Cramer. 2023. Selection progress for resistance to Fusarium basal rot in short-day onions using artificial inoculation mature bulb screening. Horticulturae 9:99. <https://doi.org/10.3390/horticulturae9010099>.

Shin, G.Y., Dutta, B., and B. Kvitko. 2023. The genetic requirements for HiVir-mediated onion necrosis by *Pantoea ananatis*, a necrotrophic plant pathogen. Mol. Plant Microbe Interact*.* *doi: 10.1094/MPMI-11-22-0246-R*

Wood, J.B., C.S. Cramer, R. Steiner, R. Heerema, B.J. Schutte, and I. Guzman. 2023. Onions selected for reduced symptom expression of Iris yellow spot have higher photosynthetic rates. HortScience 58:254-258. https://doi.rog/10.21273/HORTSCI16878-22.

Zhao, M., Shin, G.Y., Stice, S., Coutinho, T., Gitaitis, R., Kvitko, B., and B. Dutta. 2023. A novel biosynthetic gene cluster across the *Pantoea* species complex is important for pathogenicity in onion. Mol. Plant Microbe Interact*.* [*https://doi.org/10.1094/MPMI-08-22-0165-R*](https://doi.org/10.1094/MPMI-08-22-0165-R)*.*

**Peer-reviewed technical reports**

Davey, J., and Uchanski, M. E. 2023. Evaluation of bactericides to manage slippery skin bacterial bulb rot in onion in Colorado, 2022-2023. Plant Disease Management Reports 17:V120.

Davey, J., and Uchanski, M. E. 2023. Efficacy of disinfectants applied to onion bulbs in storage for control of skin bacterial bulb rot, Fort Collins, CO, 2022-2023. Plant Disease Management Reports 17:V121.

du Toit, L.J., Derie, M.L., Gundersen, B., Waters, T.D., and Darner, J. 2023. Effects of application method and bactericides on bacterial leaf blight and bulb rot of onion, Pasco, WA, 2022-23. Plant Disease Management Reports 17:V123.

du Toit, L.J., Derie, M.L., Gundersen, B., Waters, T.D., and Darner, J. 2023. Effects of bulb undercutting on bacterial leaf blight and bulb rot in an onion crop, Pasco, WA, 2022-23. Plant Disease Management Reports 17:V129.

du Toit, L.J., Derie, M.L., Gundersen, B., Waters, T.D., and Darner, J. 2023. Effects of rolling tops on bacterial leaf blight and bulb rot in an onion crop, Pasco, WA, 2022-23. Plant Disease Management Reports 17:V128.

du Toit, L.J., Derie, M.L., Gundersen, B., Waters, T.D., and Darner, J. 2023. Effects of time of topping on bacterial leaf blight and bulb rot in an onion crop, Pasco, WA, 2022-23. Plant Disease Management Reports 17:V125.

du Toit, L.J., Derie, M.L., Gundersen, B., Waters, T.D., and Darner, J. 2023. Susceptibility of 12 onion cultivars to bacterial leaf blight and bulb rot in Pasco, WA, 2022-23. Plant Disease Management Reports 17:V124.

Dutta, B., and Tyson, C. 2023. Evaluation of digging methods on post-harvest incidence of external and internal bacterial bulb in onion, Georgia, 2022. Plant Disease Management Reports 17:V006.

Dutta, B., and Tyson, C. 2023. Evaluation of harvesting methods on post-harvest incidence of external and internal bacterial bulb rot in onion, Georgia, 2022. Plant Disease Management Reports 17:V007.

Dutta, B., and Tyson, C. 2023. Evaluation of neck-clipping length on post-harvest incidence of external and internal bacterial bulb rot in onion, Georgia, 2022. Plant Disease Management Reports 17:V008.

Gugino, B.K. and J.D. Mazzone. 2023. Evaluation of bactericides for the management of center rot in Pennsylvania, 2021. Plant Disease Management Reports 17:V146. Online publication. doi:10.1094/PDMR17.

Gugino, B.K. and J.D. Mazzone. 2023. Evaluation of bactericides for the management of center rot in Pennsylvania, 2022. Plant Disease Management Reports 17:V145. Online publication. doi:10.1094/PDMR17.

Gugino, B.K. and J.D. Mazzone. 2023. Evaluation of the effect of nitrogen rate and timing on the incidence of bacterial diseases of onion, 2021. Plant Disease Management Reports 17:V147. Online publication. doi:10.1094/PDMR17.

Gugino, B.K. and J.D. Mazzone. 2023. Evaluation of the effect of nitrogen rate and timing on the incidence of bacterial diseases of onion, 2022. Plant Disease Management Reports 17:V148. Online publication. doi:10.1094/PDMR17.

Hoepting, C.A, S.K. Caldwell and N.K. Gropp. 2023. Efficacy of FRAC 3 fungicides for control of Stemphylium leaf blight and Botrytis leaf blight in onion in Elba, NY, 2022. Plant Disease Management Reports, 17: V142. <https://doi-org.proxy.library.cornell.edu/10.1094/PDMR17>.

Hoepting, C.A, S.K. Caldwell and N.K. Gropp. 2023. Efficacy of fungicide products and mixes for control of Stemphylium leaf blight and Botrytis leaf blight in onion, Elba, NY, 2022. Plant Disease Management Reports, 17: V143. <https://doi-org.proxy.library.cornell.edu/10.1094/PDMR17>.

Hoepting, C.A, S.K. Caldwell and N.K. Gropp. 2023. Efficacy of fungicide products and mixes for control of Stemphylium leaf blight and Botrytis leaf blight in onion in Fulton, 2022. Plant Disease Management Reports, 17: V144. <https://doi-org.proxy.library.cornell.edu/10.1094/PDMR17>.

Lai, P.-C., and B. A. Nault. 2023. Evaluation of spirotetramat with adjuvants for enhancing onion thrips control in onion, 2023. Arthropod Management Tests48(1): tsad120, <https://doi.org/10.1093/amt/tsad120>.

Lai, P.-C., and B. A. Nault. 2023. Managing a high infestation of onion thrips in onion with insecticides, 2023. Arthropod Management Tests 48(1): tsad119, <https://doi.org/10.1093/amt/tsad119>.

Murdock MR, Shumate SW, Feibert EBG, Reitz SR, Woodhall JW, 2023. Evaluating direct-seeded yellow and red onions for pink root on drip-irrigated onions in eastern Oregon, 2022. Plant Disease Management Reports 17:V118.

Salgado, L. D., and B. A. Nault. 2023. Onion maggot control using seed treatments in New York onion fields, 2022. Arthropod Management Tests 48(1): tsad041, <https://doi.org/10.1093/amt/tsad041>.

Salgado, L. D., and B. A. Nault. 2023. Onion maggot control using novel seed treatments in onion, 2022. Arthropod Management Tests 48(1): tsad040, <https://doi.org/10.1093/amt/tsad040>.

Salgado, L. D., and B. A. Nault. 2023. Evaluating foliar insecticide applications and seed treatments for onion maggot control in onion, 2022. Arthropod Management Tests 48(1): tsad009, <https://doi.org/10.1093/amt/tsad009>.

Shumate SW, Thornton MK, Portenier R, Woodhall JW, 2023. Evaluating solarization alone and in combination with fungicides against pink root on drip-irrigated onions in SW Idaho, 2022 Plant Disease Management Reports 17:V113

**Abstracts and posters at International/National Professional Meetings**

Ayala, H., H. Van der Heyden and A.I. Putman. Monitoring of airborne downy mildew sporangia in Southern California (abstract). American Phytopathological Society. Phytopathology 113(11s):S3.90. (poster)

Beck, K., Thornton, M., Portenier, R. and O. Morgan. 2023. Influencing soil temperature to maximize onion yield and quality. National Allium Research Conference, San Antonio, TX, November 30, 2023.

du Toit, L., Aegerter, B., Colson, G., Coutinho, T., Cramer, C., Dutta, B., Gugino, B., Hoepting, C., Kvitko, B., LaHue, G., MacKay, H., Malla, S., Nischwitz, C., Reitz, S., Shin, G., Uchanski, M., Waters, T., and J. Woodhall. 2023. Combating onion bacterial diseases with pathogenomic tools and enhanced management strategies. 12th International Congress of Plant Pathology, 21-25 Aug. 2023, Lyon, France.

Dutta, B., Zhao, M., Shin, G., du Toit, L., and B. Kvitko. 2023. A micro- and macro-perspective of bacterial pathogens affecting onion in Georgia, USA. 12th International Congress of Plant Pathology, 20-25 Aug. 2023, Lyon, France.

Hoepting, C.A, D.W. Heck and F.S. Hay. 2023. Managing Stemphylium leaf blight of onion in the face of severe fungicide resistance in New York. National Allium Research Conference. San Antonia, TX: November 28, 2023 (20 minutes) – 63 attendees. <https://alliumnet.com/narc/2023-narc-noa-meeting/#1706131174547-27fe0037-e15a>

Ibanez, V., Liakos, C., Derie, M., du Toit, L., Dutta, B., Kvitko, B., van der Waals, J., Coutinho, T.A., and P. Lebre. 2023. Metagenome analysis of bacteria present in storage onion bulbs in the USA. International Congress of Plant Pathology, 21-24 Aug. 2023, Lyon, France.

Komondy, L., and B.A. Nault. 2023. Improving onion thrips, *Thrips tabaci* (Thysanoptera: Thripidae), surveillance in onion with a strategic sampling plan. Entomological Society of America Annual Meeting, National Harbor, MD, November 6, 2023.

Komondy, L., M. Fuchs, and B.A. Nault. 2023. Comparing the spatio-temporal incidence of onion thrips-transmitted iris yellow spot virus between transplanted and direct-seeded onion fields. Entomological Society of America Eastern Branch Meeting, Providence, RI, March 19, 2023.

Lai, P.-C., and B. A. Nault. 2023. Would trap cropping be a viable management option for Allium leafminer in organic Allium crop production? Entomological Society of America Eastern Branch Meeting, Providence, RI, March 19, 2023.

Malla, S., F. Hernandez, and B.P. Bhatta. 2023. Evaluation of Insecticide Application Plan to Manage Thrips for Sweet Onions in Texas. (National Onion Association/National Allium Research Conference, San Antonio, TX. 29 Nov-2 Dec, 2023.

Miller, T., and C. Nischwitz. 2023. Factors influencing Fusarium bulb rot outbreaks in onion in Utah. 2023. Phytopathology 113 (supplement): S3.123 Poster at the annual meeting of the American Phytopathological Society in Denver, CO.

Mnguni, F., Shin, G.-Y., du Toit, L., Derie, M., Aegerter, B., Woodall, J., Dutta, B., Zhao, M., Hoepting, C., Gugino, B., Mazzone, J., and T. Coutinho. 2023. The diversity and pathogenicity of *Rahnella* species isolated from diseased onion bulbs in the United States and South Africa. International Congress of Plant Pathology, 21-25 Aug. 2023, Lyon, France.

Murdock, M., Wood, B., Pizolotto, C.A., Thornton, M., and J.W. Woodhall. 2023. A real-time PCR assay for the detection of *Setophoma terrestris* in onion roots and soil. American Phytopathological Society Annual Meeting, Denver, Colorado. Poster presentation

Nault, B.A. 2023. Maggot mayhem: How to protect onions from maggots in an era without Lorsban. National Allium Research Conference, San Antonio, TX, November 30, 2023.

Nault, B. A. 2023. Helping growers reduce synthetic chemical use to optimize onion pest management and production. *In* Member Symposium: A balancing act: Calibrating basic research question to meet grower needs. Entomological Society of America Annual Meeting, National Harbor, MD, November 6, 2023.

Neupane, R.C. 2023. Bacterial rot of onion and copper resistance. FAO Science and Innovation Forum, Rome, Italy. Food and Agriculture Organization (FAO) and World Food Forum (WFF). 17 October 2023.

Neupane, R.C. Mazzone, J., Hoepting, C., and B. Gugino. 2023. Identification and Pathogenicity of Bacteria Isolated from Onion Leaves and Bulbs from Pennsylvania and New York in 2020 and 202. Southeast Regional Fruit and Vegetable Conference, Savannah, GA, January 5-8, 2023.

Pineros-Guerrero, N., Hay, F. S., Heck, D. W., Klein, A., Hoepting, C. A., and S.J. Pethybridge. 2023. Determining the contribution of onion transplants to the population genetics of *Stemphylium vesicarium* in New York, USA using microsatellite markers. Proc. International Congress of Plant Pathology, Lyon, France. 20-25 August 2023.

Ramirez Licon, A. C. and C S. Cramer. 2023. Selection progress for reduced Iris yellow spot symptoms on onion. 2023 National Allium Research Conference and 2023 National Onion Association Annual Meeting.

Salgado, L., A. Taylor, and B. A. Nault. 2023. Insecticide seed treatment performance in onion against *Delia* spp. Entomological Society of America Annual Meeting, National Harbor, MD, November 6, 2023.

Schutte, B., S. Walker, and C S. Cramer. 2023. Possible new method for controlling early season weeds in New Mexico onions. 2023 National Allium Research Conference and 2023 National Onion Association Annual Meeting.

Sharma, S., M. Abutokaikah, F.O. Holguin and C S. Cramer. 2023. Isolation and characterization of antifungal steroidal saponins in short-day onions against *Fusarium oxysporum* f. sp. *cepae*: A potential approach for disease control. 2023 Annual Conference of the American Society for Horticultural Science.

Sharma, S., M. Abutokaikah, F.O. Holguin and C S. Cramer. 2023. Extraction and identification of antifungal steroidal saponins to combat Fusarium basal rot in short-day onion cultivars. 2023 National Allium Research Conference and 2023 National Onion Association Annual Meeting.

Shumate, S., Murdock, M., Woods, H., and J.W. Woodhall. 2023. Impact of straw mulch on onion growth and quality. National Allium Research Conference, San Antonio Texas. Poster Presentation.

Thornton, M., Portenier, R., and O. Morgan. 2023. Suppression of pink root symptoms with drip application of fungicides (poster). National Allium Research Conference, San Antonio, TX, November 30, 2023.

Woodhall, J.W. 2023. Status of Stemphylium leaf blight in the Treasure Valley. National Allium Research Conference, San Antonio Texas. Oral Presentation.

Woodhall, J.W. 2023. Isothermal detection methods for Onion Plant Pathogens. National Allium Research Conference, San Antonio Texas. Oral Presentation.

Wood, B., and J.W. Woodhall. 2023. Loop mediated amplification for *Pantoea agglomerans*. National Allium Research Conference, San Antonio Texas. Poster Presentation.

**Presentations at Grower Meetings and Field Days**

Davey, J., du Toit, L., Dutta, B., Uchanski, M., and T. Waters. 2023. Objective B3. Field evaluations of bactericides to manage onion bacterial diseases. Annual team meeting, USDA NIFA SCRI ‘Stop the Rot’ onion bacterial project, 5 Jan. 2023, Savannah, GA (35 attendees).

Dung, J. 2023. An Update from SCRI-Funded White Rot Research California Garlic and Onion Research Symposium, Tulare, CA.

du Toit, L.J. 2023. ‘Stop the Rot’ and other onion disease research at WSU. Invited presentation to AusVeg and HortInnovation meeting with onion growers/stakeholders in South Australia, 27 Nov. 2023, Murray Bridge, Australia. (35 attendees)

du Toit, L.J. 2023. Stakeholder engagement in research and extension programming: An essential aspect of management recalcitrant plant diseases. Invited presentation, 2023 Conference of the Australasian Plant Pathology Society, Adelaide, Australia, 20-24 Nov. 2023. (~250 attendees)

du Toit, L.J. 2023. Late season fungal and bacterial diseases of onion. Invited presentation, Onion Session, Pacific Northwest Vegetable Association Annual Convention & Trade Show, 15-16 Nov. 2023, Kennewick, WA. (~250 attendees)

du Toit, L.J. 2023. Stemphylium leaf blight of onion – Biology and control. Invited presentation, Onion Session, Pacific Northwest Vegetable Association Annual Convention & Trade Show, 15-16 Nov. 2023, Kennewick, WA. (~250 attendees)

du Toit, L.J. 2023. Environmental influences on plant diseases in the Pacific Northwest. Invited presentation, WSU Research Symptosium on “Integrated Pest Management in a Changing Climate”, Tilth Conference, 26-28 Oct. 2023, Port Townsend, WA. (~70 attendees)

du Toit, L.J. 2023. Stop the Rot – National Program Successes. Utah Onion Association Meeting, Brigham City, UT, 7 Feb. 2023. (20 attendees)

du Toit, L.J. 2023. A national perspective on onion bacterial diseases. Vidalia Onion Session, Southeast Fruit & Vegetable Conference, Savannah, GA, 5-7 Jan. 2023 (35 attendees).

du Toit, L., Derie, M., Waters, T., Dutta, B., Hoepting, C., Aegerter, B., Sidhu, J., and C. Nischwitz. 2023. Objective A4. Development of onion phenotyping protocols for screening for resistance to bacterial pathogens. Annual team meeting, USDA NIFA SCRI ‘Stop the Rot’ onion bacterial project, 5 Jan. 2023, Savannah, GA (35 attendees).

du Toit, L., Derie, M., Waters, T., Dutta, B., and C. Hoepting. 2023. Objective B4. Cultural practices. Annual team meeting, USDA NIFA SCRI ‘Stop the Rot’ onion bacterial project, 5 Jan. 2023, Savannah, GA (35 attendees).

du Toit, L., MacKay, H., and B. Kvitko. 2023. Objective A1. Bacterial survey and the National Onion Bacterial Survey Collection. Annual team meeting, USDA NIFA SCRI ‘Stop the Rot’ onion bacterial project, 5 Jan. 2023, Savannah, GA (35 attendees).

du Toit, L., MacKay, H., and K. Rajagopalan. 2023. Objective B6. Bacterial disease risk modeling. Annual team meeting, USDA NIFA SCRI ‘Stop the Rot’ onion bacterial project, 5 Jan. 2023, Savannah, GA (35 attendees).

Greenway, G. and S.R. Reitz. 2023. Cost of Production and IPM Analysis for Treasure Valley Onions. Idaho-Malheur County Onion Growers Meeting, February 7, 2023.

Gugino, B. 2023. Common diseases of onion. March 2, 2023. Vegetable and Small Fruit Produce Grower Update. University Park, PA. Webinar. (26 attendees).

Gutierrez-Rodriguez, E. 2023. Fresh Produce Safety. ARDEC South field day. September 20, 2023, 9:30am-12:30pm, Fort Collins, Colorado.

Hay, F.S. and C.A. Hoepting. 2023. Stubby root nematode. Presentation to Oswego and Wayne Co., onion growers on March 22, 2023, Phoenix, NY. (20 attendees)

Hoepting, C.A. 2023. Tour of on-farm onion fungicide trial for Botrytis leaf blight and Stemphylium leaf blight. Elba, NY: September 1, 2023. (5 attendees).

Hoepting, C.A. 2023. Tour of on-farm onion fungicide trial for Botrytis leaf blight and Stemphylium leaf blight. Wolcott, NY: September 2, 2023 (6 attendees).

Hoepting, C.A. 2023. 2022 Stemphylium leaf blight research highlights for fungicide field performance and fungicide resistance. Annual Muck Onion Twilight Meeting in Oswego Co. Oswego, NY: June 22, 2023 (51 attendees).

Hoepting, C.A. 2023. Onion herbicide demonstration and tour. Annual Muck Onion Twilight Meeting in Oswego Co. Oswego, NY: June 22, 2023 (51 attendees).

Hoepting, C.A. 2023. Battling Stemphylium leaf blight in onion in the face of fungicide resistance in New York. Grower Information Days. Bradford, Ontario, Canada: April 6, 2023 (63 attendees).

Hoepting, C.A. 2023. Fungicide updates for managing Stemphylium leaf blight in onion. Orange County Onion School. Pine Island, NY: March 9, 2023 (50 attendees).

Hoepting, C.A. 2023. Strategies for improved weed control with herbicides featuring Yellow nutsedge. Orange County Onion School. Pine Island, NY: March 9, 2023 (50 attendees).

Hoepting, C.A. and Hay, F.S. 2023. Update on Stemphylium leaf blight of onion in New York with emphasis on fungicide performance and resistance. Inta-AG New Zealand Agronomists Meeting. Virtual zoom: February 28, 2023 (4 attendees).

Hoepting, C.A., Hay, F.S., and B.A. Nault. 2024. New York State Report for the W4008 Multistate Annual Meeting. Mount Vernon, WA. March 5, 2024. (26 attendees).

Hoepting, C.A. and Heck, D.W. 2023. Update for managing Stemphylium leaf blight in onion in New York. Onions New Zealand Inc. Farmer’s Workshop. Virtual Zoom: March 15, 2023 (33 attendees).

LaHue, G., Aegerter, B., Belo, T., Caldwell, S., Coolong, T., Derie, M., Dutta, B., Feibert, E., Gugino, B., van der Heide, E., Hoepting, C., de Jesus, H., Mazzone, J., Murdock, M., Nault, B., Nicholson, K., Regan, K., Reitz, S., Rivera, A., Schacht, B., da Silva, A., Trenkel, I., Waters, T., Wieland, K., Wilson, R., Woodhall, J., and du Toit, L. 2023. Objectives B1 and B2. Irrigation practices and soil fertility management. Annual team meeting, USDA NIFA SCRI ‘Stop the Rot’ onion bacterial project, 5 Jan. 2023, Savannah, GA (35 attendees).

Nault, B.A. 2023. Onion thrips management update. Elba Muck Onion Meeting. Cornell Cooperative Extension, Cornell Vegetable Program. Elba, NY. August 22, 2023. (10 attendees).

Nault, B.A. 2023. Onion thrips management update. Elba Muck Onion Meeting. Cornell Cooperative Extension, Cornell Vegetable Program. Elba, NY. June 7, 2023. Speaker, 30 minutes. (10 attendees).

Nault, B.A. 2023. Onion thrips management update. Elba Muck Onion Meeting. Cornell Cooperative Extension, Cornell Vegetable Program. Elba, NY. March 23, 2023. (12 attendees).

Nault, B.A. 2023. Seedcorn maggot, onion maggot and onion thrips management updates for 2023. Orange County Onion School. Cornell Cooperative Extension Eastern New York Commercial Horticulture Program. Pine Island, NY. March 9, 2023. (60 attendees).

Nault, B.A. New and upcoming tools for thrips and maggot control in onion. Empire State Producer’s EXPO, Syracuse, NY. February 7, 2023. (50 attendees).

Nault, B.A. 2023. Onion maggot management update. Oswego Onion Growers Meeting. Oswego, NY. January 19, 2023. (25 attendees).

Nault, B.A. 2023. Onion maggot and thrips update. Muck Grower Information Days (Ontario, Canada). Virtual. April 6, 2023.

Nault, B.A., and L. Salgado. 2023. Onion insect pest management update featuring tour of onion maggot trial. 2023 Muck Onion Growers Twilight Meeting, Cornell Cooperative Extension, Cornell Vegetable Program. Oswego, NY. June 22, 2023. (65 attendees).

Nault, B.A., C. Hoepting and F. Hay. 2023. New York State Report for the W4008 Multistate Annual Meeting. Savannah, GA. January 7, 2023. (50 attendees).

Pethybridge, S.; Hay, F.S., Hoepting C.A., duToit, L., Dutta, B., Colson, G., Hausbeck, M., Malla, S., Putman, A., Reitz, S.J., Woodhall, J. and H. Dantzker. 2023. Fight the blight. Stemphylium leaf blight an emerging threat to US onion production. Poster presented at National Onion Association/National Allium Research Committee meeting San Antonio, November 2023.

Putman, A.I. Evaluation of weather-based models for management of onion downy mildew. California Garlic and Onion Symposium, UC Cooperative Extension, February 13, 2023, Tulare, CA.

Putman, A.I. 2023. Updates on winter vegetable diseases. Continuing Education meeting, California Association of Pest Control Advisors Desert Valleys Chapter, November 2, 2023, Brawley, CA.

Ramirez Licon, A. C., and C S. Cramer. 2023. Correlating onion epicuticular leaf wax profiles with onion thrips feeding preference. 2023 NMSU Onion Field Day, Las Cruces, NM, 7 June 2023.

Reitz, S.R. 2023. Thrips management in the Treasure Valley. Idaho-Malheur County Onion Growers Meeting, February 7, 2023

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