

**CURRICULUM VITAE  
FULYA BAYSAL-GUREL**

**ADDRESS**

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**EDUCATION**

<b>Degree</b>	<b>Year</b>	<b>Institution</b>	<b>Major</b>
B.S.	1994	Cukurova University, Agriculture Faculty	Plant Protection
M.S.	1997	Cukurova University, Natural and Applied Sciences Institute/Turkey	Plant Pathology
Ph.D.	2003	Cukurova University, Natural and Applied Sciences Institute/Turkey	Plant Pathology

**PROFESSIONAL EXPERIENCE**

June 2015 - present	Assistant Professor, Tennessee State University
March 2015-May 2015	Research Scientist of Plant Pathology, The Ohio State University, OARDC, Wooster, OH
2011-2015	Research Associate II of Plant Pathology, The Ohio State University, OARDC, Wooster, OH
2008-2011	Post Doctoral Research Associate of Plant Pathology, The Ohio State University, OARDC, Wooster, OH
2005-2008	Visiting scientist of Plant Pathology, The Ohio State University, OARDC, Wooster, OH
2003-2008	Dr. Research Scientist of Plant Pathology, Cukurova University, Agriculture Faculty, Adana/Turkey
2002-2003	Research Assistance of Plant Pathology, Cukurova University, Agriculture Faculty, Adana/Turkey
1998-2002	Research Assistance, Çukurova University, Subtropical Fruits Research and Experimental Centre, Adana/Turkey
1994-1998	Agriculture Engineer, Çukurova University, Subtropical Fruits Research and Experimental Centre, Adana/Turkey

**RESEARCH**

The primary research focus of the plant pathology program is on the development of sustainable, environmental friendly and economical management practices for woody ornamental diseases. Research emphasis areas are 1) detection, diagnosis and management of fungal, oomycete, bacterial and viral diseases on woody ornamentals using both molecular and classical techniques in nursery production, 2) detection of pathogen and biocontrol agent populations through soil ecosystems, 3) molecular

characterization of soil-borne pathogens of field and container-grown woody ornamentals grown in Tennessee and determining the grower perceptions and knowledge of soil-borne pathogens on woody ornamental production and management practices available and 4) development of sanitation practices for mechanically transmitted woody ornamental diseases.

### **HONORS AND AWARDS**

B.S. with Honors in Plant Protection, Cukurova University, Agriculture Faculty, 1994.

The APS Office of International Programs Global Experience Award, 2013.

The OSU/ The Office of Outreach and Engagement Travel Award, 2014.

The OSU/OARDC Professional Growth Scholarship Program, 2008-2014.

### **THESIS**

**Master Thesis:** BAYSAL F., 1997. Investigation of the Distribution, Importance and Control Strategies of Gummosis Disease (*Phytophthora citrophthora* (Smith and Smith) Leonian) in Pigmented Grapefruit Plantation in Eastern Mediterranean Region of Turkey. Adana.

**Ph.D. Thesis:** BAYSAL F. 2003. Determination of Plant Protection Problems and Techniques Used Against Plant Protection Problems of Organic Tomato and Apple Production in Turkey. Adana.

### **PEER REVIEWED JOURNAL ARTICLES**

**Baysal-Gurel, F.** and Cinar, A. 2015. First Report of Taro Leaf Blight Caused by *Phytophthora colocasiae* Infecting Taro in Turkey. Plant Disease. 25 Mar 2015. First Look.

Li, R., **Baysal-Gurel, F.**, Abdo, Z., Miller, S.A., Ling, K., 2015. Evaluation of Disinfectants to Prevent Mechanical Transmission of Viruses and a Viroid in Greenhouse Tomatoes. *Virology Journal* 2015, 12:5. doi:10.1186/s12985-014-0237-5

Subedi, N., Testen, A.L., **Baysal-Gurel, F.**, Miller, S.A. 2015. First Report of Black Leaf Mold of Tomato Caused by *Pseudocercospora fuligena* in Ohio. Plant Disease. Vol. 99, No. 2, P. 285. <http://dx.doi.org/10.1094/PDIS-06-14-0625-PDN>

**Baysal-Gurel, F.**, Li, R., Ling, K., Miller, S.A. 2015. First Report of *Tomato chlorotic spot virus* infecting Tomatoes in Ohio. Plant Disease. Vol. 99, No. 1, P. 163. <http://dx.doi.org/10.1094/PDIS-06-14-0639-PDN>

**Baysal-Gurel, F.** and Cinar, A. 2015. First Report of Fusarium root rot Caused by *Fusarium oxysporum* Infecting Pigmented Grapefruit Trees in Turkey. Plant Disease. Vol. 99, No. 4, P. 553. <http://dx.doi.org/10.1094/PDIS-07-14-0746-PDN>

**Baysal-Gurel, F.**, Li, R., Ling, K., Kurowski, C., Miller, S.A. 2015. Developing Hygiene Protocols Against Mechanically Transmitted Pathogens In Greenhouse Tomato Production Systems. Acta Hort. (ISHS) No. 1069, P. 275-280.

**Baysal-Gurel, F.**, Miller, S.A., 2015. Management of powdery mildew in greenhouse tomato production with biorational products and fungicides. Acta Hort. (ISHS) No. 1069, P. 179-184.

Li, R., Ling, K., **Baysal-Gurel, F.**, Miller, S.A., Kurowski, C., 2015. Evaluation of

- Disinfectants to Control Mechanical Transmission of Tomato Viruses and Viroids in Greenhouse Tomatoes. *Acta Hort.* (ISHS) No. 1069, P. 221-228.
- Miller, S.A., Lewis Ivey, M., **Baysal-Gurel, F.**, Xu, X., 2015. A Systems Approach to Tomato Disease Management. *Acta Hort.* (ISHS) No. 1069, P. 167-172.
- Baysal-Gurel, F.** and Cinar, A. 2014. First Report of Armillaria Root Rot Caused by *Armillaria mellea* Infecting *Carrizo citrange* and Sour orange Rootstocks in Turkey. *Plant Disease*. Vol. 98, No. 10, P. 1439. <http://dx.doi.org/10.1094/PDIS-075-14-0463-PDN>
- Baysal-Gurel, F.**, Subedi, N., Mamiro, D., Miller, S.A. 2014. First Report of Anthracnose of Onion Caused by *Colletotrichum coccodes* in Ohio. *Plant Disease*. 2014; Vol. 98, No. 9, P. 1271. <http://dx.doi.org/10.1094/PDIS-01-14-0032-PDN>
- Baysal-Gurel, F.**, Bledsoe, M., Miller, S.A., 2014. Post-harvest applications of disinfectants using a fog tunnel system to manage Botrytis gray mold in tomatoes. *Acta Hort.* (ISHS) No. 1053, P. 237-244.
- Testen, A., Mamiro, D., Meulia, T., Subedi, N., Islam, M., **Baysal-Gurel, F.**, Miller, S.A., First report of Leek yellow stripe virus in garlic in Ohio. *Plant Disease*. 2014; Vol. 98, No. 4, P. 574. <http://dx.doi.org/10.1094/PDIS-08-13-0851-PDN>
- Xu, X., **Baysal Gurel, F.**, Miller, S.A., 2013. First report of tomato pith necrosis caused by *Pseudomonas mediterranea* in the US and *P. corrugata* in Ohio. *Plant Disease*. 2013; Vol. 97, No.7, P. 988. <http://dx.doi.org/10.1094/PDIS-12-12-1208-PDN>
- Baysal Gurel, F.**, Bozan, O., Onelge, N., Cinar, A., 2012. First report of Sclerotinia stem and twig blight caused by *Sclerotinia sclerotiorum* on sour orange rootstock in Turkey. *New Disease Reports* 26, 24. [<http://dx.doi.org/10.5197/j.2044-0588.2012.026.024>]
- Baysal Gurel, F.**, Taylor, N.J., Chatfield, J., Miller, S.A., 2012. First Report of Downy Mildew Caused by *Plasmopara obducens* on Impatiens in Ohio. *Plant Disease*. 2012; Vol. 96, No. 11, P. 1,699.3. <http://dx.doi.org/10.1094/PDIS-06-12-0545-PDN>.
- Rong X., **Baysal Gurel, F.**, Meulia, T., B McSpadden Gardener, B., 2012. Draft Genome Sequences of the Biocontrol Bacterium *Mitsuaria* sp. Strain H24L5A. *J. Bacteriol.* 2012, 194(3):734. DOI: 10.1128/JB.06537-11.
- Rong X., **Baysal Gurel, F.**, Meulia, T., B McSpadden Gardener, B., 2012. Draft Genome Sequences of the *Pseudomonas fluorescens* Biocontrol Strains Wayne1R and Wood1R. *J. Bacteriol.* 2012, 194(3):724. DOI: 10.1128/JB.06338-11.
- Westphal, A., Williams, M., **Baysal-Gurel, F.**, LeJeune, J., and B. McSpadden Gardener, B., 2011. Detection and Identification of Bacteria Associated with the Suppression of *Escherichia coli* O157:H7 in Sand-based Dairy Livestock Bedding. *Appl. Env. Microbiol.* p. 2113-2121, Vol. 77, No. 6.
- Xu, X., Miller, S. A., **Baysal-Gurel, F.**, Gartemann, K.H., Eichenlaub, R. and Rajashekar, G. 2010. Bioluminescent imaging of *Clavibacter michiganensis* subsp. *michiganensis* infection of tomato seeds and plants. *Appl. Env. Microbiol.* 2010;76:3978-3988.
- Baysal, F.**, Welty, C., Miller, S.A. 2009. Comparison of IPM Tactics in Home Vegetable Gardens. *Acta Hort.* (ISHS) 808:133-136.
- Baysal, F.**, and Miller, S.A. 2009. Effect of Commercial Biofumigant cover Crops on Growth, Yield and Disease of Processing Tomatoes. *Acta Hort.* (ISHS) 808:117-120.

- Baysal, F.,** McSpadden-Gardener, B., Cardina, J., Kleinhenz, M., Miller, S.A. 2009. Effect of Field Management Practices on Disease Development, Soil Chemistry and Yield in Organic Tomatoes. *Acta Hort. (ISHS)* 808:113-116.
- Baysal-Gurel, F.,** Ivey, M., Dorrance, A., Luster, D., Frederick, R., Czarnecki, J., Boehm, M., and Miller, S.A., 2008. An Immunofluorescence Assay to Detect Urediniospores of *Phakopsora pachyrhizi*. *Plant Disease*. Volume 92, Number 10: 1387-1393.
- Baysal, F.,** Benitez, M.S., Kleinhenz, M.D., Miller, S.A., McSpadden Gardener, B. 2008. Field Management Effects on Damping-off and Early Season Vigor of Crops in a Transitional Organic Cropping System. *Phytopathology* 98:562-570.
- Benítez, M.S., **Baysal, F.,** Rotenberg, D., Kleinhenz, M. D., Cardina, J., Stinner, D., Miller, S.A., and McSpadden Gardener, B. 2007. Linking changes in bacterial populations with disease suppression, as affected by agricultural management strategies. *Soil Biology and Biochemistry* 39: 2289-2301.
- Baysal, F.,** Cinar, A. 2004. Determination of Phytopathological and Entomological Problems and Using Plant Protection Methods in Organic Tomato Growing in Turkey. *Acta Hort. (ISHS)* 729:459-462.

#### **EDITOR REVIEWED ONLINE PUBLICATIONS**

- Baysal-Gurel, F.,** Mera, J.R., and Miller, S.A., 2015. Evaluation of fungicides and production methods for the control of downy mildew and Phytophthora fruit rot of cucumber, 2014. *Plant Disease Management Report No. 9*:. Online publication. The American Phytopathological Society, St. Paul, MN.
- Baysal-Gurel, F.,** and Miller, S.A., 2015. Evaluation of biorational products and row covers for the control of downy mildew of cucumber, 2014. *Plant Disease Management Report No. 9*:. Online publication. The American Phytopathological Society, St. Paul, MN.
- Baysal-Gurel, F.,** Mera, J.R., and Miller, S.A., 2015. Monitoring *Pseudoperonospora cubensis* sensitivity to fungicides, 2014. *Plant Disease Management Report No. 9*:. Online publication. The American Phytopathological Society, St. Paul, MN.
- Baysal-Gurel, F.,** Smith, C., Gardiner, M., Bergesford, B., and Miller S.A., 2014. Response of hop cultivars to downy mildew, 2014. *Plant Disease Management Report No. 9*:. Online publication. The American Phytopathological Society, St. Paul, MN.
- Miller, S.A., Mera, J.R., **Baysal-Gurel, F.,** Huezos, L.A. 2014. Evaluation of seed treatments for the control of root diseases of cantaloupe, 2013. *Plant Disease Management Report No. 8:ST004*. Online publication. The American Phytopathological Society, St. Paul, MN.
- Baysal-Gurel, F.,** and Miller, S.A., 2014. Evaluation of biorational products and row covers for the control of downy mildew and bacterial wilt of cucumber, 2013. *Plant Disease Management Report No. 8:V177*. Online publication. The American Phytopathological Society, St. Paul, MN.
- Baysal-Gurel, F.,** Mera, J.R., and Miller, S.A., 2014. Evaluation of fungicides and trellising for the control of downy mildew and Phytophthora fruit rot of cucumber, 2013. *Plant Disease Management Report No. 8:V176*. Online publication. The American Phytopathological Society, St. Paul, MN.

- Baysal-Gurel, F.,** Smith, C., Gardiner, M., Bergefurd, B., and Miller S.A., 2014. Response of hop cultivars to major diseases, 2013. Plant Disease Management Report No. 8:V172. Online publication. The American Phytopathological Society, St. Paul, MN.
- Miller S.A., Mera J.R., Xu, X., **Baysal-Gurel, F.,** and Mamiro, D. 2014. Evaluation of bactericides for the control of bacterial leaf spot on parsley, 2013. Plant Disease Management Report No. 8:V169. Online publication. The American Phytopathological Society, St. Paul, MN.
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.,** 2013. Evaluation of fungicides for the control of powdery mildew of winter squash, 2012. Plant Disease Management Report No. 7:V088. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.,** 2013. Evaluation of fungicides for the control of foliar and fruit diseases of processing tomatoes, 2012. Plant Disease Management Report No. 7:V089. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.,** 2013. Evaluation of fungicides for the control of plectosporium blight and powdery mildew of pumpkin, 2012. Plant Disease Management Report No. 7:V091. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.,** 2013. Evaluation of fungicides for the control of foliar and fruit diseases of processing tomatoes, 2012. Plant Disease Management Report No. 7:V095. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Miller S.A., Mera J.R., **Baysal-Gurel, F.,** Xu, X., 2013. Evaluation of bactericides for the control of bacterial leaf spot on parsley, 2012. Plant Disease Management Report No. 7:V097. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.,** 2013. Evaluation of fungicides for the control of common rust and common smut of sweet corn, 2012. Plant Disease Management Report No. 7:V098. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Baysal-Gurel, F.,** Gardiner, M., Welty, C., and Miller S.A., 2013. Evaluation of row covers for the control of foliar diseases of muskmelon, 2012. Plant Disease Management Report No. 7:V120. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Baysal-Gurel, F.,** Gardiner, M., Welty, C., and Miller S.A., 2013. Management of bacterial wilt in muskmelon with perimeter trap cropping, 2012. Plant Disease Management Report No. 7:V121. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR07
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.,** 2012. Evaluation of Serenade Soil and Quadris 2.08SC for the management of Phytophthora blight of winter squash, 2011. Plant Disease Management Report No. 6:V062. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR06

- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2012. Evaluation of fungicides for the control of common rust and common smut of sweet corn, 2011. Plant Disease Management Report No. 6:V063. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR06
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2012. Evaluation of fungicides for the control of Cercospora leaf spot and Rhizoctonia root rot on garden beets, 2011. Plant Disease Management Report No. 6:V064. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR06
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2012. Evaluation of fungicides for the control of Alternaria leaf spot of collard greens, 2011. Plant Disease Management Report No. 6:V065. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR06
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2012. Evaluation of fungicides for control of Phytophthora blight and fruit rot of peppers, 2011. Plant Disease Management Report No. 6:V070. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR06
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2012. Evaluation of fungicides for the control of downy mildew and Phytophthora fruit rot of cucumber, 2011. Plant Disease Management Report No. 6:V071. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR06
- Baysal-Gurel, F.**, Gardiner, M., Welty, C., and Miller S.A., 2012. Evaluation of row covers for the control of foliar diseases of muskmelon, 2011. Plant Disease Management Report No. 6:V161. Online publication. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR06
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2011. Evaluation of fungicides for the control of downy mildew and Phytophthora fruit rot of cucumber, 2010 (online). Plant Disease Management Report 5:V001. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR05
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2011. Evaluation of fungicides for the control of foliar and fruit diseases of processing tomatoes, 2010 (online). Plant Disease Management Report 5:V002. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR05
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2011. Evaluation of fungicides for the control of powdery mildew of winter squash, 2010 (online). Plant Disease Management Report 5:V003. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR05
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2011. Evaluation of fungicides for the management of downy mildew in mustard greens, 2010 (online). Plant Disease Management Report 5:V004. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR05
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2011. Evaluation of fungicides for the control of downy mildew of cucumber, 2010 (online). Plant Disease Management Report 5:V006. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR05

- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2011. Evaluation of fungicides for the control of common rust of sweet corn, 2010 (online). Plant Disease Management Report 5:V007. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR05
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2011. Evaluation of fungicides for the control of white mold of cabbage, 2010 (online). Plant Disease Management Report 5:V009. The American Phytopathological Society, St. Paul, MN. doi:10.1094/PDMR05
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides and bactericides for the control of foliar and fruit diseases of processing tomatoes, 2009. (online). Plant Disease Management Report 4:V010. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides and biorational products for the control of foliar and fruit diseases of processing tomatoes, 2009. (online). Plant Disease Management Report 4:V011. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides for the control of anthracnose of bell peppers, 2009. (online). Plant Disease Management Report 4:V003. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of resistance of pepper cultivars to *Pseudomonas* leaf spot, 2009. (online). Plant Disease Management Report 4:V006. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides for the control of downy mildew of cucumber, 2009. (online). Plant Disease Management Report 4:V008. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of resistance of cucumber cultivars to downy mildew, 2009. (online). Plant Disease Management Report 4:V007. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides for the control of powdery mildew of winter squash, 2009. (online). Plant Disease Management Report 4:V002. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides for the control of *Phytophthora* blight of winter squash, 2009. (online). Plant Disease Management Report 4:V001. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides to control *Sclerotinia* drop in lettuce, 2009. (online). Plant Disease Management Report 4:V004. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.

- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides for the control of white mold on cabbage, 2009. (online). Plant Disease Management Report 4:V005. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S.A., Mera, J.R., and **Baysal-Gurel, F.** 2010. Evaluation of fungicides for the control of common rust of sweet corn, 2009. (online). Plant Disease Management Report 4:V009. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR04.
- Miller, S. A., Mera, J. and **Baysal-Gurel, F.** 2009. Response of radish cultivars to Rhizoctonia root and hypocotyl rot, clubroot and downy mildew, 2008 (online). Plant Disease Management Report 3:V006. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR03.
- Miller, S. A., Mera, J. and **Baysal-Gurel, F.** 2009. Evaluation of fungicides for the control of anthracnose of bell peppers, 2008 (online). Plant Disease Management Report 3:V009. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR03.
- Miller, S. A., Mera, J. and **Baysal-Gurel, F.** 2009. Evaluation of fungicides to control Sclerotinia drop in lettuce, 2008 (online). Plant Disease Management Report 3:V010. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR03.
- Miller, S. A., Mera, J. and **Baysal-Gurel, F.** 2009. Evaluation of fungicides for the control of downy mildew of cucumber, 2008 (online). Plant Disease Management Report 3:V012. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR03.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of biopesticides and fungicides for control of Phytophthora blight of peppers, 2007. (online). Plant Disease Management Report 2:V035. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides and application methods for disease control in high tunnel fresh market tomatoes, 2007 (online). Plant Disease Management Report 2:V036. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides and bactericides for the control of foliar and fruit diseases of processing tomatoes, 2007 (online). Plant Disease Management Report 2:V037. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of products to manage bacterial canker of processing tomatoes, 2007 (online). Plant Disease Management Report 2:V038. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides for the control of white mold on cabbage, 2007 (online). Plant Disease Management Report 2:V041. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides for the control of foliar and fruit diseases of processing tomatoes-1, 2007 (online). Plant Disease



- Management Report 2:V040. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides for the control of foliar and fruit diseases of processing tomatoes - 2, 2007 (online). Plant Disease Management Report 2:V039. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides for the control of anthracnose of bell peppers, 2007 (online). Plant Disease Management Report 2:V034. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Resistance of radish cultivars to *Rhizoctonia* root and hypocotyl rot and clubroot, 2007 (online). Plant Disease Management Report 2:V033. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides for the control of downy mildew and phytophthora blight of winter squash, 2007 (online). Plant Disease Management Report 2:V032. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
- Miller, S.A., Mera, J.R., and **Baysal, F.** 2008. Evaluation of fungicides for the control of powdery mildew and Phytophthora blight of winter squash, 2007 (online). Plant Disease Management Report 2:V031. The American Phytopathological Society, St. Paul, MN. DOI: 10.1094/PDMR02.
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#### **EXTENSION PUBLICATIONS**

- Baysal-Gurel, F.,** Miller, S.A. Row Covers for Melon Disease Management. OEFFA newsletter, 2014.
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#### **EXTENSION PRESENTATIONS**

- Baysal-Gurel, F.** Disease management in high tunnels. High tunnel Training, April 27, 2015, Piketon, OH.
- Baysal-Gurel, F.,** Miller, S.A. Evaluation of biorational products and row covers for the control of downy mildew and bacterial wilt of cucumber. Great Lakes Vegetable Working Group Annual Meeting, February 25-26, 2015, Wooster, OH.



- Baysal-Gurel, F.** Engaging Ohio Vegetable Growers Through Interactive Disease Diagnostic Services. 36<sup>th</sup> OEFFA Conference, February 14-15, 2015, Granville, OH.
- Baysal-Gurel, F.** Management of Common Hop Diseases. Ohio Hops Conference and Trade Show, February 5-6, 2015, Wooster, OH.
- Baysal-Gurel, F.** Pest management considerations. Hop Workshop, February 4, 2015, Wooster, OH.
- Baysal-Gurel, F.,** Miller, S.A. Integrated pest management for Ohio hops. Hop Field night, July 17, 2014, Wooster, OH.
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- Miller, S.A., Stone, A., **Baysal-Gurel, F.**, Vallad, G., McGrath, M., Smart C., McSpadden-Gardener, B., Park, S., 2010. e-Organic Disease intensive meeting, January 19-23, 2010, Huron, OH.
- Baysal-Gurel, F.**, 2009. High Tunnel Production. AgriPOWER Institute- January 22, 2009, Wooster, OH.
- Miller, S.A., Taylor N., and **Baysal-Gurel, F.**, 2009. Microscope training - the OARDC Muck Crops and North Central Agricultural Experiment Stations, March 19, 2009.
- Miller, S.A., and **Baysal-Gurel, F.**, 2009. Disease problems in the community garden. Master gardener training, Aug 13, 2009, Wooster, OH.
- Baysal-Gurel, F.**, 2009. High Tunnel Production. AgriPOWER Institute- January,22 2009, Wooster, OH.
- Baysal-Gurel, F.**, 2008. The Plant Doctors: Medicine for Plants. The Science of Agriculture Days, October 1-2, 2008, Wooster, OH.
- Miller, S. A., and **Baysal-Gurel, F.**, 2008. Annual Organic Food and Farming Education and Research (OFFER) Field Day, August 28, 2008, Wooster, OH.
- Miller, S. A., and **Baysal-Gurel, F.**, 2008. OPGMA Summer Tour and Field Day, June 25, 2008, Wooster, OH.
- Miller, S. A., and **Baysal-Gurel, F.**, 2008. Legislative Lunch Display. April 2, 2008, Columbus, OH.
- Baysal, F.**, Mera, J., Subedi, N., Miller, S.A. 2008. Evaluation of Composted Dairy Manure and Biorational Products for the Control of Diseases of Fresh Market Tomatoes in High Tunnels. OPGMA congress, Jan 14-16,2008. Sandusky,OH.
- Baysal, F.**, Welty, C., 2007. IPM Demonstration Trial Results. New developments in vegetable gardening IPM meeting. Columbus, OH.
- Miller S., **Baysal F.**, Ivey M., Mera J., 2005. Disease Management for Organic Vine Crops, OFFER Program. September 7, 2005, Wooster, OH.

#### **OSU-OARDC DEPARTMENT OF PLANT PATHOLOGY PUBLICATIONS**

- Miller S.A., Mera J.R., **Baysal-Gurel, F.**, Pantigoso, H.A., Rehm, N.R., 2015. Vegetable disease management research reports, 2014. Plant Pathology Series No. 144.
- Miller S.A., Mera J.R., **Baysal-Gurel, F.**, Huevo, L., 2014. Vegetable disease management research reports, 2013. Plant Pathology Series No. 143.
- Miller S.A., Mera J.R., Ivey, M., Xu, X., **Baysal-Gurel, F.**, Ortez, M., 2013. Vegetable disease management research reports, 2012. Plant Pathology Series No. 142.
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2012. Vegetable disease management research reports, 2011. Plant Pathology Series No.141.
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2011. Vegetable disease management research reports, 2010. Plant Pathology Series No.140.
- Miller S.A., Mera J.R., and **Baysal-Gurel, F.**, 2010. Vegetable disease management research reports, 2009. Plant Pathology Series No.139.
- S.A. Miller, J.R. Mera and **F. Baysal**, 2007. Vegetable disease management research reports, 2006. Plant Pathology Series No.136.

S.A. Miller, **F. Baysal**, J.R. Mera and M.L. Ivey, 2006. Vegetable disease management research reports, 2005. Plant Pathology Series No.135.

### **INVITED SPEAKER**

**Baysal F.**, Cinar, A. 2004. Some New Approaches in Sustainable Citrus Cultivation of Turkey. Sustainable Strategies in Plant Protection Focusing on the Security of Agricultural Products Pre-15<sup>th</sup> IPPC Workshop. 9-10 May 2004, Beijing- China.

### **TEACHING AND WORKSHOPS**

Plant Disease Diagnosis PP5685, Management of vegetable diseases, 12 May 2014 (Guest Instructor).

Fruit and Vegetable Diseases PP5150, Vegetable diseases, 2012 (Guest Instructor).

Plant Pathology PP615.01, Management of vegetable diseases in greenhouses and high tunnels, 18 January 2011 (Guest Instructor).

Plant Pathology PP615.01, Management of Vegetable Diseases in Greenhouses and High Tunnels. 29 January 2009 (Guest Instructor).

Pest and disease diagnostics for international trade and food security an international short course. 2008-2014, Wooster, OH (Instructor).

IPM-CRSP USAID International Plant Diagnostic Network (IPDN) Workshop August 26 - September 8, 2007. Wooster, OH (Instructor).

SARE-sponsored In-Service Education workshop on "*Sustainable Management of Soil-Borne Diseases and Weeds*" June 4-5, 2013, Lincoln University, Jefferson City, Missouri (Instructor).

Plant Disease Diagnostic Workshop in Kyrgyzstan. Bishkek, Kyrgyzstan. May 6-8, 2013. Funded by The APS Office of International Programs Global Experience (Coordinator and Instructor).

IPM CRSP Southeast Asia Regional Program, Plant disease and diagnostic. 22-23 July 2010, Bogor, West Java, Indonesia (Coordinator and instructor).

### **WORKSHOP PARTICIPATION**

Qualitative Data Analysis with Nvivo 8 workshop, June 2-4, 2010. Washington DC, USA

The NE Ohio Bioinformatics Workshop and Annotation Jamboree. May 31-June 2, 2011. Wooster-OH.

### **MEMBERSHIP**

The American Phytopathological Society

International Society for Horticultural Science

International Society of Citriculture

The Mediterranean Phytopathological Union

The Turkish Phytopathological Society

The Turkish Biocontrol committee, Turkey

Organization of Ecological Agriculture, Turkey

The TEMA Foundation (The Turkish Foundation for Combating Soil Erosion, for Reforestation and the Protection of Natural Habitats), Turkey  
TEGV, educational volunteers, Turkey  
APS- Diagnostics Committee

**EDITOR**

**ANSINET Publications** - Technical Editor/ Plant Pathology Journal and International Journal of Plant Pathology.

**Academic Journal Magazine** (ISSN:2147-6403), University of Ordu, Faculty of Agriculture, Ordu, TURKEY- Editorial board

**ACADEMIC SERVICE**

Reviewer of manuscripts for Plant Disease, Phytopathology, Canadian Journal of Plant Pathology.