

Bibliography, OREI Awards (2005). Organic Extension and Research Initiative, award details and associated bibliographies, grant year 2005. Awards listed by ascending CRIS Accession Number; entries presented in chronological order. URLs last accessed 23-26 November 2017

CRIS accession number: 0204954

Grant number: 2005-51300-02372

Project number¹: ALA014-041

Grant amount: \$561,828

Grant term: 2005-2010

Investigator(s)²: Kloepper, J. W.

Title: Integration of organic production systems for summer production of tomato and pepper in Alabama

Publications reported & accessed:

Appearing in peer-reviewed journals or series

- Rodriguez, J. M., Molnar, J. J., Fazio, R. A., Sydnor, E., & Lowe, M. J. (2008). Barriers to adoption of sustainable agriculture practices: Change agent perspectives. *Renewable Agriculture and Food Systems* 24, 60-71. doi:10.1017/S1742170508002421
- Nafziger, T. D. Jr., & Fadamiro, H.Y. (2011). Suitability of some farmscaping plants as nectar sources for the parasitoid wasp, *Microplitis croceipes* (Hymenoptera: Braconidae): Effects on longevity and body nutrients. *Biological Control* 56(3), 225-229. doi:10.1016/j.biocontrol.2010.11.005

Abstracts/conference papers/presentations

- Mayalagu, G., Mentreddy, S., & Kloepper, J. (2007). *Organic no-till vegetable production system: weed management with cover crops*. Presentation at the ASA-CSSA-SSSA Annual Meetings, New Orleans, LA. Abstract retrieved from <http://a-c-s.confex.com/a-c-s/2007am/techprogram/P37581.HTM>
- Mayalagu, G., Mentreddy, R., Garrett, J., Caylor, A., & Kloepper, J. (2007). *Cover crops for weed management in organic production systems*. Poster presented at the ASA Southern Regional Branch Meeting, Mobile, AL. Abstract retrieved from <https://a-c-s.confex.com/crops/2007srb/techprogram/P29556.HTM>
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- Mankolo, R., Nyochembeng, L., Mentreddy, R., Ward, R., & Mayalagu, G. (2009). *Cover crops effect on nutrient availability and vegetable production under organic and conventional production*. Presentation at the ASA-CSSA-SSSA Annual Meetings, Pittsburgh, PA. Abstract retrieved from <http://scisoc.confex.com/scisoc/2009am/webprogram/Paper54242.html>
- Nafziger, T. D. & Fadamiro, H. Y. (2009). *Effects of farmscaping plants on the abundance and diversity of arthropods in organic tomato fields*. Presentation at the Annual Meeting of the Entomological Society of America. Abstract retrieved from <http://esa.confex.com/esa/2009/webprogram/Paper42914.html>
- Nyochembeng, L. M., Mankolo, R. N., Mentreddy, S. R., & Mayalagu, G. (2009). Effect of fall cover crops on tomato and pepper diseases and fruit yield under organic production in North Alabama. *Phytopathology* 99, S95. doi:10.1094/PHYTO.2009.99.6.S1. Abstract retrieved from <http://apsjournals.apsnet.org/doi/pdf/10.1094/PHYTO.2009.99.6.S1>
- Mayalagu, G., Mentreddy, S. R., Garrett, C., & Kloepper, J. (2009). *Sustainable tomato production: Tillage and fertilizer effects*. Presentation at the ARD 15th Biennial Research Symposium. Abstract retrieved from [https://www.umes.edu/cms300uploadedFiles/ARD_2009_Proceedings_Doc_final\[1\]\[1\].pdf](https://www.umes.edu/cms300uploadedFiles/ARD_2009_Proceedings_Doc_final[1][1].pdf)
- Nyochembeng, L. M., Mentreddy, S. R., & Mankolo, R. N. (2009). *Effect of plastic mulch and bio-fungicide on fruit yield and severity of foliar diseases in organic tomato production system*. Presentation at the ARD 15th Biennial Research Symposium. Abstract retrieved from [https://www.umes.edu/cms300uploadedFiles/ARD_2009_Proceedings_Doc_final\[1\]\[1\].pdf](https://www.umes.edu/cms300uploadedFiles/ARD_2009_Proceedings_Doc_final[1][1].pdf)
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- Nyochembeng, L. M., Mankolo, R. N., & Mentreddy, S. R. (2010). Organic and polyethylene mulches with biofungicides for managing diseases in organic tomato production system. *Phytopathology* 100, S91. doi: 10.1094/PHYTO.2010.100.6.S1. Abstract retrieved from <http://apsjournals.apsnet.org/doi/pdf/10.1094/PHYTO.2010.100.6.S1>
- Mankolo, R. N., Nyochembeng, L. M., & Mentreddy, S. R. (2011). *Utilizing organic mulches for weed control and Nnutrient management in organic cropping system*. Presentation at the ARD 16th Biennial Research Symposium, Atlanta, GA. Abstract retrieved from <https://www.umes.edu/cms300uploadedFiles/ProgramMarch21%20Final%20Final%20PDF%5B1%5D.pdf>

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- Cui, L. (2008). *Growing naturally in Alabama: Needs and possibilities* (Master's thesis). Retrieved from <https://etd.auburn.edu/handle/10415/1408>
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- Lowe, M. (2009). *Collaborative marketing enterprises: Local food exchanges and the promise of sustainability* (Master's thesis). Retrieved from <https://etd.auburn.edu/handle/10415/1950>

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Publications reported & not accessed:

Appearing in peer-reviewed journals or series

- Nyochembeng, L. M., Mankolo, R. N., Mentreddy, S. R., & Mayalagu, G. (2011). Cover crop, reflective polyethylene mulch and biofungicide effects on yield and management of diseases in field-grown organic tomato. *HortScience* (submitted)

Abstracts/conference papers/presentations

- Mayalagu, G. & Mentreddy, S. R. (2007). *Organic production of tomato and pepper*. STEM Day. Graduate student competitive poster presentation #85, Alabama A&M University, Mar. 30, 2007
- Mayalagu, G., Mentreddy, R., Garrett, C. J., & Kloepper, J. (2008). *Environmentally friendly production methods for tomato and pepper in Alabama*. Featured graduate student presentation at AG Week Celebrations, School of Agricultural and Environmental Sciences, Alabama A&M University, Apr.23, 2008
- Mentreddy, R., Mankolo, R., Nyochembeng, N., Ward, R., & Mayalagu, G. (2009). *Tomato and pepper yields in response to fall cover crops in organic production system*. 15th ARD Symposium, Atlanta, GA

Miscellaneous

- Fowler, D. & Garrett, J. (2006-2010). *Auburn University Organic Vegetable Production Research E-Newsletter*.

Associated publications mentioned in narrative (absent from publication list):

Dissertation

- Mayalagu, G. Doctoral dissertation, Soil Science. Alabama A&M University. Unable to confirm

Website

- Organic Vegetable Production Research, Auburn University (www.aaes.auburn.edu/organicveg). Available via the Internet Archive's WayBack Machine

CRIS accession number: 0204958
Grant number: 2005-51300-02374
Project number¹: NEB-42-031
Grant amount: \$762,949
Grant term: 2005-2010
Investigator(s)²: Shapiro, C. A.
Title: Improving organic farming systems across Nebraska agroecoregions

Publications reported & accessed:

Appearing in peer-reviewed journals or series

- Knezevic, S. Z. & Ulloa, S. M. (2007). Flaming: potential new tool for weed control in organically grown agronomic crops. *Journal of Agricultural Sciences* 52(2), 95-104. Retrieved from <http://www.doiserbia.nb.rs/img/doi/1450-8109/2007/1450-81090702095K.pdf>

Book chapters

- Quinn, J. E., Brandle, J. R., & Johnson, R. J. (2009). Development of a Healthy Farm Index to assess ecological, economic, and social function on organic and sustainable farms in Nebraska's four agroecoregions. In A. J. Franzluebbbers (Ed.), *Farming with grass: Achieving sustainable mixed agricultural landscapes* (pp. 156-170). Retrieved from http://www.swcs.org/documents/filelibrary/fwgbook/FWGQuinn_A2A37D0934A9F.pdf

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- Knezevic, S. Z. & Ulloa, S. M. (2007). Weed tolerance to flaming. *Proceedings of the North Central Weed Science Society Conference 62*, 9. Abstract retrieved from <http://ncwss.org/proceed/2007/Abstracts/009.pdf>
- Knezevic, S. Z., Dana, L., Scott, J. E., & Ulloa, S. M. (2007). Building a research flamer. *Proceedings of the North Central Weed Science Society Conference 62*, 32. Abstract retrieved from <http://ncwss.org/proceed/2007/Abstracts/032.pdf>
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- Shapiro, C. A., Brandle, J. R., Wright, R. J., Lyon, D. J., Knezevic, S. Z., Francis, C. A., & Sarno, E. A. (2008). Organic farming in Nebraska: Establishing organic research for the organic farming community. In *Proceedings of the 38th NC Ext-Industry Soil Fertility Conference 24* (pp. 35-38). Abstract retrieved from <http://extension.agron.iastate.edu/nce/ncepdfs/2008/nc08-shapiro-pg-35.pdf>
- Ulloa, S. M., Costa, C., Datta, A., Bruening, C., Gogos, G., & Knezevic, S. Z. (2008). Response of corn types to broadcast flaming. *Proceedings of the North Central Weed Science Society Conference 63*, 20. Abstract retrieved from <http://ncwss.org/proceed/2008/abstracts/020.pdf>

- Knezevic, S. Z., Datta, A., & Ulloa, S. M. (2008). Response of pigweed and foxtail species to broadcast flaming. *Proceedings of the North Central Weed Science Society Conference 63*, 39. Abstract retrieved from <http://ncwss.org/proceed/2008/abstracts/039.pdf>
- Ulloa, S. M., Datta, A., & Knezevic, S. Z. (2008). Winter wheat tolerance to broadcast flaming. *Proceedings of the North Central Weed Science Society Conference 63*, 109. Abstract retrieved from <http://ncwss.org/proceed/2008/abstracts/109.pdf>
- Bruening, C. A., Gogos, G., Ulloa, S., & Knezevic, S. (2008). Weed flaming: an engineering approach. *Proceedings of the North Central Weed Science Society Conference 63*, 175. Abstract retrieved from <http://ncwss.org/proceed/2008/abstracts/175.pdf>
- Quinn, J. E., Brandle, J. R., & Johnson, R. J. (2009). Application of the Healthy Farm Index. In *Proceedings of Farming Systems Design 2009 - Methodologies for Integrated Analysis of Farm Production Systems* (Pp. 215-216). Abstract retrieved from http://www.iemss.org/farmsys09/uploads/2009_FSD_Proceedings.pdf
- Quinn, J. E., Johnson, R. J., & Brandle, J. R. (2009). Biotic interactions in organic farm systems. In M. A. Gold & M. M. Hall (Eds.), *Agroforestry Comes of Age: Putting Science into Practice* (pp. 281-286). Abstract retrieved from <http://www.centerforagroforestry.org/pubs/proceedings.pdf>
- Brandle, J. R., Johnson, R. J., & Quinn, J. E. (2009). The role of agroforestry practices in a healthy farm. In M. A. Gold & M. M. Hall (Eds.), *Agroforestry Comes of Age: Putting Science into Practice* (pp.485-491). Abstract retrieved from <http://www.centerforagroforestry.org/pubs/proceedings.pdf>
- Bruening, C. A., Gogos, G., Ulloa, S. M., & Knezevic, S. Z. (2009). Performance advantages of flaming hood. *Proceedings of the North Central Weed Science Society Conference 64*, 30. Abstract retrieved from <http://ncwss.org/proceed/2009/Abstracts/030.pdf>
- Ulloa, S. M., Datta, A., Knezevic, S. Z., Bruening, C. A., Gogos, G., & Arkebauer, T. J. (2009). Response of selected crop and weed species to propane flaming as influenced by leaf water content. *Proceedings of the North Central Weed Science Society Conference 64*, 31. Abstract retrieved from <http://ncwss.org/proceed/2009/Abstracts/031.pdf>
- Ulloa, S. M., Datta, A., Knezevic, S. Z., Malidza, G., & Leskovsek, R. (2009). Tolerance of sweet corn to broadcast flaming at different growth stages. *Proceedings of the North Central Weed Science Society Conference 64*, 51. Abstract retrieved from <http://ncwss.org/proceed/2009/Abstracts/051.pdf>
- Bruening, C. A., Gogos, G., Leskovsek, R., Ulloa, S. M., & Knezevic, S. Z. (2009). Field performance of flaming hood vs. open torch. *Proceedings of the North Central Weed Science Society Conference 64*, 105. Abstract retrieved from <http://ncwss.org/proceed/2009/Abstracts/105.pdf>
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- Quinn, J. E., Sarno, L., Brandle, J. R., & Johnson, R. J. (2009). *A Healthy Farm Index*. Poster presented at the ASA-CSSA-SSSA Annual Meetings, Pittsburgh, PA. Abstract retrieved from <https://a-c-s.confex.com/crops/2009am/webprogram/Paper55707.html>
- Knezevic, S. Z., Datta, A., & Ulloa, S. M. (2009). Growth stage impacts tolerance to broadcast flaming in agronomic crops. In *Proceedings of the 8th European Weed Research Society Workshop on Physical and Cultural Weed Control, Zaragoza, Spain* (pp. 86-91). Abstract retrieved from http://www.ewrs.org/pwc/doc/2009_Zaragoza.pdf
- Knezevic, S. Z., da Costa, C. M., Ulloa, S. & M., Datta, A. (2009). Response of corn (*Zea mays* L.) types to broadcast flaming. In *Proceedings of the 8th European Weed Research Society Workshop on Physical and Cultural Weed Control, Zaragoza, Spain* (pp. 92-97). Abstract retrieved from http://www.ewrs.org/pwc/doc/2009_Zaragoza.pdf
- Knezevic, S. Z., Datta, A., & Ulloa, S. M. (2009). Tolerance of selected weed species to broadcast flaming at different growth stages. In *Proceedings of the 8th European Weed Research Society Workshop on Physical and Cultural Weed Control, Zaragoza, Spain* (pp. 98-103). Abstract retrieved from http://www.ewrs.org/pwc/doc/2009_Zaragoza.pdf
- Knezevic, S. Z., Neto, J. F., Ulloa, S. M., & Datta, A. (2009). Winter wheat (*Triticum aestivum* L.) tolerance to broadcast flaming. In *Proceedings of the 8th European Weed Research Society Workshop on Physical and Cultural Weed Control, Zaragoza, Spain* (pp. 104-110). Abstract retrieved from http://www.ewrs.org/pwc/doc/2009_Zaragoza.pdf

Extension publications

- Taylor, E., Knezevic, S. Z., & Ulloa, S. M. (2008). Flaming for weed management. In E. Taylor, K. Renner, & C. Sprague (Eds.) *Integrated weed management: Fine tuning the system* (Extension Bulletin E-3065, pp. 61-74). Lansing: Michigan State University
- Wright, R. J., DeVries, T. A., & Kalisch, J. A. (2009). *Beneficial insects I* (Extension Circular 1578). Lincoln: University of Nebraska Extension. Retrieved from <http://extensionpublications.unl.edu/assets/pdf/ec1578.pdf>
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Miscellaneous

- Heverton, T. Z., Ulloa, S., Datta, A., & Knezevic, S. (2008). Corn (*Zea mays*) and soybean (*Glycine max*) tolerance to broadcast flaming. *RURALS, Review of Undergraduate Research in Agricultural and Life Sciences* 3(1), Article 1. Retrieved from <http://digitalcommons.unl.edu/rurals/vol3/iss1/1/>
- Domingues, A. C., Ulloa, S. M., Datta, A., & Knezevic, S. Z. (2008). Weed response to broadcast flaming. *RURALS: Review of Undergraduate Research in Agricultural and Life Sciences* 3(1), Article 2. Retrieved from <http://digitalcommons.unl.edu/rurals/vol3/iss1/2/>
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Publications reported & not accessed:

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- Quinn, J. E. (2008). Assessment of organic farming systems across Nebraska agroecoregions - Development of a healthy farm index. In *Proceedings of Upper Midwest Organic Farming Conference, Organic Research Symposium*, LaCrosse, WI (p. 51)
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- Quinn, J. E., Brandle, J. R., & Johnson, R. J. (2009). Monitoring long-term patterns of farmland bird communities in Nebraska. *Midwest Ecology and Evolution Conference*, Lincoln, NE

Extension publications

- Francis, C. A. et al. (2006-2010). *Science-based organic farming*
- Regassa, T. H., Klein, R. N., Anderson, B., Baenziger, P. S., & Krall, J. (2009). *University of Nebraska XLS, PDF and HTML winter wheat variety trial results*

Associated publications mentioned in narrative (absent from publication list): None

Dissertations

- Quinn, J. E. (2010). *Assessment and communication of the value of biodiversity in agroecosystems*. ETD collection for University of Nebraska – Lincoln (AAI3398340)
- Ulloa, S. M. (2010). *Flaming as an alternative weed control method for agronomic crops in organic and conventional production*. ETD collection for University of Nebraska – Lincoln (AAI3427315)

CRIS accession number: 0205007

Grant number: 2005-51300-02391

Project number¹: MICL08370

Grant amount: \$754,442

Grant term: 2005-2009

Investigator(s)²: Snapp, S. S.

Title: Partnering to cultivate organic agriculture in Michigan and the Midwest

Publications reported & accessed:

Appearing in peer-reviewed journals or series

- DeLind, L. B. & Bingen, J. (2005). Be careful what you wish for: Democratic challenges and political opportunities for the Michigan organic community. *Culture and Agriculture* 27, 131-143. doi:10.1525/cag.2005.27.2.131
- Baributsa, D. N., Foster, E. F., Thelen, K. D., Kravchenko, A. N., Mutch, D. R., & Ngouajio, M. (2008). Corn and cover crop response to corn density in an interseeding system. *Agronomy Journal* 100, 981-987. doi:10.2134/agronj2007.0110
- Martinez, L., Bingen, J., & Conner, D. (2009). Handlers perspectives on sourcing organic produce from Michigan and the Great Lakes Region. *Choices* 24, 3. Retrieved from http://www.choicesmagazine.org/magazine/pdf/article_88.pdf and <http://ageconsearch.umn.edu/record/93833>
- Martinez, L., Conner, D., Bingen, J., & Reardon, E. (2009). Great Lakes organic produce in wholesale and retail grocery markets: opportunities and challenges from Michigan. *Journal of Food Distribution Research* 40(1), 118-122. Retrieved from <http://ageconsearch.umn.edu/record/162127>

Book

- Snapp, S. S. & Pound, B. (Eds.). (2008). *Agricultural systems: Agroecology and rural innovation for development*. New York: Academic Press

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- Bird, G. W., Grieshop, M., Hepperly, P., & Moyer, J. (2009). Climbing Mt. Organic: An ecosystem approach to pest management. In C. Francis (Ed.), *Organic Farming: The Ecological System* (pp.197-214)

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- Nair, A. & Ngouajio, M. (2009). Cover crop, nutrient amendment, and crop cultivar affect organic cucumber and tomato production systems in the Great Lakes Region. *HortScience* 44, 1039-1040. Abstract retrieved from <http://hortsci.ashspublications.org/content/44/4/1001.full.pdf+html>

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Publications reported & not accessed:

Extension Publication

- Bingen, J., Osborne, C., & Reardon, E. (2007). *Organic agriculture in Michigan. 2006 Survey Report*. Michigan State University and Michigan Organic Food and Farm Alliance

Miscellaneous

- Nair, A., Ngouajio, M., & Biernbaum, J. (2008). *Characterizing the contribution of Bradfield Organics (Tasty Tomato TM 3-3-3) in growing media for organic transplant production of tomato*. Research Report presented to Land O'Lakes Purina Feed, LLC

Associated publications mentioned in narrative (absent from publication list):

Miscellaneous

- Untitled publication. No longer available at msu.edu/bingen/CommFoodAgPage.htm

Website

- New Agriculture Network (new-ag.msu.edu). Available via the Internet Archive's WayBack Machine

CRIS accession number: 0205058

Grant number: 2005-51300-02379

Project number¹: IOW05072

Grant amount: \$483,542

Grant term: 2005-2008

Investigator(s)²: DeWitt, J.

Title: Evaluation of strategies for management of soybean rust in organic systems

Publications reported & accessed:

Abstracts/conference papers/presentations

- Johnson, A. M., Whalon, M. E., Norton, D. R., & Byran, W. W. (2006). *Effect of organic fungicides on natural enemies in Michigan soybean production*. Paper presented at the 2006 Annual Meeting of the Entomological Society of America. Abstract retrieved from http://esa.confex.com/esa/2006/techprogram/paper_25846.htm
- Delate, K., Blount, A., Mackowiak, C., Wright, D., & Turnbull, R. (2008). Efficacy of organic-compliant fungicides for Asian soybean rust. Poster presented at the National Soybean Rust Symposium, Louisville, KY. Abstract retrieved from <http://www.plantmanagementnetwork.org/infocenter/topic/soybeanrust/2007/posters/49.asp>

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- Delate, K., McKern, A., & Burcham, B. (2007). *Evaluation of organic soybean rust treatments for organic production. Neely-Kinyon trial, 2006*. Ames: Iowa State University Extension. Retrieved from <http://extension.agron.iastate.edu/organicag/researchreports/nk06soybrust.pdf>
- Gevens, A., Wright, D., Blount, A., Mizell, R., Sprenkel, R., Mackowiak, C., Olson, S., Smith, J.A., Marois, J., & Datnoff, L. (2007). Alternatives for Organic Soybean Production. In A. E. Dorrance, M. A. Draper, & D. E. Hershman (Eds.), *Using Foliar Fungicides to Manage Soybean Rust*. Columbus: The Ohio State University Extension
- Delate, K., McKern, A., & Butler, J. (2008). *Evaluation of organic soybean rust treatments for organic production. Neely-Kinyon trial, 2008*. Ames: Iowa State University Extension. Retrieved from <http://extension.agron.iastate.edu/organicag/researchreports/nk08soybrust.pdf>

Miscellaneous

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Publications reported & not accessed:

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- Delate, K. (2006). *Asian soybean rust update for organic producers—June 2006*. Iowa State University Extension and Outreach - Organic Agriculture Program

Abstracts/conference papers/presentations

- DeWitt, J., Turnbull, R., Blount, A., Mackowiak, C., & Wright, D. (2008). Evaluation of organic-compliant fungicides for ASR in organic soybean production. *USDA National SARE Conference*, Mar.25-27, 2008, Kansas City, MO
- Lemes, E., Mackowiak, C., Datnoff, L., Marois, J., & Blount, A. (2008). Effects of soil and foliar applied silicon on Asian soybean rust (*Phakopsora pachyrhizi*) development in organic production systems. *European Network for Durable Exploitation of Crop Protection Strategies*, Oct.12-15, La Grande Motte, France

Associated publications mentioned in narrative (absent from publication list):

Website

- Iowa State University Extension and Outreach Organic Agriculture (<http://extension.agron.iastate.edu/organicag/>). Available via the Internet Archive's WayBack Machine

CRIS accession number: 0205379

Grant number: 2005-51300-02392

Project number¹: ARKW-2005-04426

Grant amount: \$299,632

Grant term: 2005-2008

Investigator(s)²: Burke, J. M.

Title: Development of sustainable gastrointestinal nematode control in organic small ruminant production

Publications reported & accessed:

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¹Project ID field in the CRIS Assisted Search form.

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