

## CURRICULUM VITAE

### Michael K. O'Neill, Ph.D.

Professor – Plant and Environmental Sciences  
José Fernández Memorial Chair for Crop Production – Emeritus  
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#### **Summary**

**Research** encompass the judicious use of water through microirrigation in semi-arid environments; **hybrid poplar** introductions for excelsior and biofuel production; **variety trials** for state and national testing programs, including **oil seed crops for biodiesel** development. **Superintendent for 11 years** with overall responsibility for management of a 250-acre agricultural research facility situated in the high desert of northwestern New Mexico. **Over 30 years** of international agricultural research and development experience, primarily in Africa (Ghana, Burkina Faso, Mali, Niger, Kenya Rwanda) and India. **Team leader** for three projects in the coffee-based land use system of Embu, Kenya. **Senior Scientist** in Kenya and Niger leading research and dissemination efforts in mixed, small-holder farming systems. **Management** of, and participation in, interdisciplinary, multi-cultural, multi-lingual teams operating within national agricultural research systems (NARS) in collaboration with international agricultural research centers (IARC), universities, national extension programs, and non-governmental organizations.

#### **Career interests and profile**

Agronomy, agroforestry, crop physiology, crop introduction, biofuel research, small-scale irrigation, natural resources management for the semi-arid regions. Collaborative links with international agricultural research institutes, universities, development organizations, agribusiness and/or consulting firms.

- **Research** encompass the judicious use of water through microirrigation in semi-arid environments; **hybrid poplar introductions for excelsior and biofuel production**; variety trials for state and national testing programs, **including oil seed crops for biodiesel development**;
- **Superintendent** with overall responsibility for management of a 250-acre agricultural research facility situated in the high desert of northwestern New Mexico;
- **Over 20 years** of international agricultural research and development experience, primarily in Africa (Ghana, Burkina Faso, Mali, Niger, Kenya, Rwanda), and India;
- **Team leader** for three projects in the coffee-based land use system of Embu, Kenya including the National Agroforestry Research Project (NAFRP), the African Highlands Initiative (AHI), and the Systemwide Livestock Project (SLP);
- **Senior Agronomist** in Kenya and Niger leading research and dissemination efforts in mixed, small-holder farming systems;
- **Designed, implemented and analyzed** irrigated and dryland agronomic trials in semi-arid Arizona and Sahelian West Africa;

- **Solid knowledge base** of the interactions between crops, livestock, and trees and their productivity within prevailing climatic parameters;
- **Management of, and participation in**, interdisciplinary, multi-cultural, multi-lingual teams operating within national agricultural research systems (NARS) in collaboration with international agricultural research centers (IARC), universities, national extension programs, and non-governmental organizations;
- **Management of on-station and on-farm nurseries** for the production of a diverse range of tree species used in agroforestry research and dissemination;
- **Strong analytical skills** necessary for on-station/on-farm research and dissemination;
- **Excellent association with donor community** and solid knowledge of proposal development and project monitoring processes;
- **Firm grasp of computer software** and literate in: Microsoft Office (i.e. MS Word, MS Excel, MS PowerPoint), CoStat, CoPlot, Adobe Elements, Adobe Photoshop, AWhere, and Email communication;
- **Advisor for post-graduate students** – 3 Post-doc, 16 Ph.D. 19 M.S.

### Employment history

<b>Professor</b> New Mexico State University	<b>2010 – Present</b>
<b>Associate Professor and Superintendent</b> New Mexico State University	<b>2005 – 2010</b>
<b>Assistant Professor and Superintendent</b> New Mexico State University	<b>1999 – 2005</b>
<b>Senior Scientist – Agronomist/Agroforester</b> International Centre for Research in Agroforestry (ICRAF)	<b>1991 – 1999</b>
<b>Assistant Professor – Agronomist</b> University of Missouri, <b>USAID-funded project</b> in Kenya, East Africa	<b>1989 – 1991</b>
<b>Senior Agronomist</b> Development Alternatives, Inc. (DAI), <b>USAID-funded project</b> in Niger, West Africa	<b>1985 – 1989</b>
<b>International Intern</b> International Crop Research Institute for the Semi-arid Tropics (ICRISAT), <b>USAID-funded project</b> in Mali	<b>1982 - 1984</b>
<b>Graduate Research Associate</b> University of Arizona	<b>1979 – 1982</b>
<b>Graduate Research Assistant</b> University of Arizona	<b>1977 – 1979</b>
<b>Research Assistant</b> University of Arizona, Agricultural Research Station, Yuma, AZ	<b>1976 – 1977</b>
<b>Peace Corps Volunteer</b> Ghana and Burkina Faso, West Africa	<b>1971 – 1974</b>

**Education**

<b>Ph.D. Agronomy and Plant Genetics</b> University of Arizona, Tucson, Arizona	<b>1979 – 1982</b>
<b>M.S. Soil and Water Science</b> University of Arizona, Tucson, Arizona	<b>1977 – 1979</b>
<b>Diploma – Social Ecology</b> Goddard College, Plainfield, Vermont	<b>6/75 – 8/75</b>
<b>B.S. Biology/Chemistry</b> Concordia University, Montreal, Canada	<b>1966 – 1971</b>

**Languages**

**English** – Excellent written and spoken capabilities (Mother tongue)

**French** – Fair written and spoken capabilities

**Societies and clubs**

<b>Member:</b> American Society of Agronomy, Soil Science Society of America, and Crop Science Society of America	<b>1977 – Present</b>
<b>Member:</b> Soil and Water Conservation Society	<b>1995 – Present</b>
<b>Member:</b> New Mexico Chapter, Soil and Water Conservation Society	<b>1999 – Present</b>
<b>Representative,</b> Region II, New Mexico	<b>2008 – Present</b>
<b>Member:</b> W-2128, Western Regional Collaborative Project for Microirrigation	<b>1999 – 2014</b>
<b>State Representative</b>	<b>2000 – 2010</b>
<b>Secretary</b>	<b>2004 – 2005</b>
<b>Vice Chair</b>	<b>2005 – 2006</b>
<b>Chairman</b>	<b>2006 – 2007</b>
<b>Member:</b> World Association of Soil and Water Conservation	<b>1995 – 2000</b>
<b>Adviser:</b> International Foundation for Science	<b>1994 – 1999</b>
<b>Reviewer:</b> East African Agricultural and Forestry Journal	<b>1989 – 1999</b>
<b>Reviewer:</b> Journal of Arid Environments	<b>1999 – 2005</b>
<b>Treasurer:</b> American Employees Recreation Association, Niamey, Niger	<b>1987 – 1988</b>
<b>Treasurer:</b> American Embassy Commissary, Niamey, Niger	<b>1986 – 1987</b>

**Graduate student advising**

<b>Degree</b>	<b>Number of Students</b>	<b>Host Institutions</b>
<b>1989 – 1999 with ICRAF</b>		
Post-Doc	3	ICRAF
Ph.D. Field Research Advisor	14	ICRAF, Purdue, Univ. of Minnesota, Univ. of Florida, Oklahoma State, Univ. of Reading, Harvard, London School of Economics, Wageningen Agricultural Univ., Iowa State, Colorado State, Makerere Univ.
M.S. Field Research Advisor	14	Kenyatta Univ., Wageningen Agricultural Univ., Mississippi State, Moi Univ., Sokoinie Univ., Univ.

Degree	Number of Students	Host Institutions
1989 – 1999 with ICRAF		
		College Dublin, Univ. of Oxford, Univ. of Alberta, Univ. of Kentucky, Namur Univ.
1999 – Present With NMSU		
Ph.D.	Advisor - 1 Committee - 1	NMSU
M.S.	Advisor - 5 Committee - 3	NMSU

### **Awards**

- O'Neill, M.K. 2014. Certificate of Appreciation. United States Peace Corps. Fifth Anniversary of Partnership. Coordinator in the College of Agricultural, Consumer and Environmental Sciences for the Peace Corps Paul D. Coverdell Fellows Program. December 11, 2014. Washington, DC.
- O'Neill, M.K., et al. 2014. Award of Excellence in Multistate Research. W-2128 (2009-2014): Microirrigation for Sustainable Water Use. The Board on Agriculture Assembly, Experiment Station Committee on Organization and Policy. Presented annually to recognize the high quality science being conducted through the Hatch Multistate Research Program and the impacts of that science on society. Presented at the Association of Public and Land-Grant Universities meeting. November 2, 2014. Orlando, FL.
- O'Neill, M.K., et al. 2014. Award of Excellence. Multi-State Research Program. W-2128 (2009-2014): Microirrigation for Sustainable Water Use. Western Association of Agricultural Experiment Station Directors. Western Regional Joint Summer Meeting. July 10, 2014. Lake Tahoe, NV.
- O'Neill, M.K. 2012. Gamma Sigma Delta Honor Society of Agriculture. October 17, 2012. College of Agricultural, Consumer and Environmental Sciences, New Mexico State University. Las Cruces, NM.
- O'Neill, M.K. 2010. Jose Fernandez Memorial Chair for Crop Production. April 22, 2010. College of Agricultural, Consumer and Environmental Sciences, New Mexico State University. Las Cruces, NM. [Jose Fernandez Chair](#).

### **Crop Release**

- Stamm, M., Berrada, A., Buck, J., Cabot, P., Classen, M., Cramer, G., Dooley, S., Godsey, C., Heer, W., Holman, J., Johnson, J., Kochenower, R., Krall, J., Ladd, D., Morre, J., O'Neill, M.K., Pearson, C., Phillips, D., Rife, C., Santra, D., Sidwell, R., Sij, J., Starner, D., Wiebold, W. 2012. Registration of 'Riley' Winter Canola. Journal of Plant Registrations Vol. 6 (3), p. 243-245. [Registration of 'Riley' Winter Canola](#)
- Bregitzer, P., D.W. Mornhinweg, R. Hammon, M. Stack, D.D. Baltensperger, G.L. Hein, M.K. O'Neill, J.C. Whitmore, and D.J. Fiedler. 2005. Registration of 'Burton' Barley. Crop Science. 45:1166-1167. [Registration of 'Burton' Barley](#)

### **Publications – Book Chapters & Books**

- O'Neill, Michael K., Robert F. Heyduck, Samuel C. Allen, Kevin A. Lombard, Dan Smeal, Richard N. Arnold. 2015. [Hybrid Poplar for the Colorado Plateau: NMSU Poplar Research, Farmington, New Mexico](#). In: The Colorado Plateau VI: Science and Management at the Landscape Scale, 1<sup>st</sup> edited by Laura F. Huenneke, Charles van Riper III, Kelley A. Hays-Gilpin, 06/2015: chapter 5: pages 81-94; University of Arizona Press., ISBN: 13: 978-0-8165-3159-2.

[https://www.researchgate.net/publication/292156659\\_Hybrid\\_Poplar\\_for\\_the\\_Colorado\\_Plateau\\_NMSU\\_Poplar\\_Research\\_Farmington\\_New\\_Mexico](https://www.researchgate.net/publication/292156659_Hybrid_Poplar_for_the_Colorado_Plateau_NMSU_Poplar_Research_Farmington_New_Mexico)

- De Leeuw J., M. Njenga, B. Wagner, and M. Iiyama. (Eds.). 2014. [Treesilience: an assessment of the resilience provided by trees in the drylands of Eastern Africa](#). World Agroforestry Centre (ICRAF). Nairobi, Kenya. 166p.
- Njenga M, J. De Leeuw, M.K. O'Neill, P. Ebanyat, M. Kinyanjui, P. Kimeu, H. Adirizak, K. Sijmons, A. Vrieling, M. Malesu, A. Oduor, and P. Dobbie. 2014. The need for resilience in the drylands of Eastern Africa. (p5-17). In: De Leeuw J, Njenga M, Wagner B, and Iiyama M. (Eds). 2013. [Treesilience: an assessment of the resilience provided by trees in the drylands of Eastern Africa](#). World Agroforestry Centre (ICRAF). Nairobi, Kenya. 166p.
- Oduor A, M. Malesu, P. Kimeu, and M.K. O'Neill. 2014. [Runoff water management for agroforestry in Makueni, Kenya](#). (p119-120). In: De Leeuw J, Njenga M, Wagner B, Iiyama M. (Eds). 2013. [Treesilience: an assessment of the resilience provided by trees in the drylands of Eastern Africa](#). World Agroforestry Centre (ICRAF). Nairobi, Kenya. 166p.
- Waugh, W.J., E.P. Glenn, P.H. Charley, M.K. Carroll, B. Maxwell, and M.K. O'Neill. 2011. [Helping mother earth heal: Diné College and enhanced natural attenuation research at U.S. Department of Energy uranium processing sites on Navajo Land. \(Chapter 6, p119-147\)](#). In: Burger, J. (Ed.). Science and Stakeholders: Solutions to Energy and Environmental Issues. Springer Publ. New York, NY. 453p.
- Malesu, Maimbo, Alex Oduor, Kipruto Cherogony, Douglas Nyolei, Charles Gachene, Elijah Biamah, Mick O'Neill, Miyuki Iiyama, and Jephine Mogoi. 2010. [Rwanda Irrigation Master Plan](#). Ministry of Agriculture and Animal Resources (MINAGRI). Republic of Rwanda. 240p.

### **Publications – Journal Articles, Reports, and Proceedings**

#### **2011 – Present**

- O'Neill, M. K., West, M. M. 2017. Fiftieth Annual Progress Report: 2016 Cropping Season. NMSU Agricultural Science Center at Farmington. Agricultural Experiment Station and Cooperative Extension Service, New Mexico State University. Las Cruces, NM.  
<http://farmingtonsc.nmsu.edu/documents/nmsu-annrpt-2016-all.pdf>
- Allen, S. C., O'Neill, M. K., Lombard, K. A., Heyduck, R. F. 2016. Adaptability and Productivity of Hybrid Poplars in a Semi-arid Climate. October 5, 2016. 61<sup>st</sup> Annual New Mexico Water Conference. Where Does all The Water Go? History, Hydrology and Management of New Mexico Scarce Waters. Silver City, NM.  
[https://www.researchgate.net/publication/309033893\\_Adaptability\\_and\\_Productivity\\_of\\_Hybrid\\_Poplar\\_s\\_in\\_a\\_Semi-arid\\_Climate](https://www.researchgate.net/publication/309033893_Adaptability_and_Productivity_of_Hybrid_Poplar_s_in_a_Semi-arid_Climate)  
[https://www.researchgate.net/publication/309033945\\_Adaptability\\_and\\_Productivity\\_of\\_Hybrid\\_Poplar\\_s\\_in\\_a\\_Semi-arid\\_Climate\\_poster](https://www.researchgate.net/publication/309033945_Adaptability_and_Productivity_of_Hybrid_Poplar_s_in_a_Semi-arid_Climate_poster)
- Lauriault, L. M., Ray, I., Pierce, C., Burney, O., Flynn, R. P., Marsalis, M. A., O'Neill, M. K., Cunningham, A., Havlik, C., West, M. 2016. *The 2016 New Mexico Alfalfa Variety Test Report*. Agricultural Experiment Station and Cooperative Extension Service, New Mexico State University. Las Cruces, NM. [http://aces.nmsu.edu/pubs/variety\\_trials/AVT16.pdf](http://aces.nmsu.edu/pubs/variety_trials/AVT16.pdf)
- Marsalis, M. A., Flynn, R. P., Lauriault, L. M., Mesbah, A., O'Neill, M. K. 2016. *New Mexico 2015 Corn and Sorghum Performance Tests*. Agricultural Experiment Station and Cooperative Extension Service, New Mexico State University. Las Cruces, NM.  
[http://aces.nmsu.edu/pubs/variety\\_trials/15CornSorghumRpt.pdf](http://aces.nmsu.edu/pubs/variety_trials/15CornSorghumRpt.pdf)
- O'Neill, M. K. 2016. Agroforestry in the Southwest: Experiences at the NMSU Agricultural Science Center. April 28, 2016. Agroforestry Horizons: Experiences, Challenges, and Reflections, USDA National Agroforestry Center, International Programs Office. Washington, DC.
- O'Neill, M. K. 2016. Development Work in a Conflict Zone. November 14, 2016. International Agricultural Development, NMSU Agricultural and Extension Education, Las Cruces, NM.

- O'Neill, M. K. 2016. Ramification of Climate Change on Food Security. July 18-29, 2016. La Salle Summer Academy, Universidad de La Salle. Bogota, Colombia.
- O'Neill, M. K. 2016. Ramifications of Climate Change on World Food Security. December 5-9, 2016. Extension Climate Change Workshop. NMSU Cooperative Extension Service. Las Cruces, NM
- O'Neill, M. K., Allen, S. C., Heyduck, R. F. 2016. Poplar Phytoremediation Study at an Abandoned Oil Refinery Site in Northwestern New Mexico. April 11-13, 2016. National Working Forum: Managing Poplar and Willow for Environmental Benefits and the Renewable Fuels Industry. Portland, OR. [http://hardwoodbiofuels.org/wp-content/uploads/2016/04/2016-Forum-presentation\\_Oneil.pdf](http://hardwoodbiofuels.org/wp-content/uploads/2016/04/2016-Forum-presentation_Oneil.pdf). <http://hardwoodbiofuels.org/video/poplar-willow-forum-oneil>
- O'Neill, M. K., Menking, C., Stringam, B., Smeal, D., Dubois, D. W., Anzola-Prodo, G., Triana, J., Sosa, M., 2016. New Mexico State University Partners with the University of La Salle – Bogotá in a Unique Educational Experiment for Community Transformation. November 6-9, 2016. ASA, CSSA and SSSA International Annual Meetings. Resilience Emerging from Scarcity and Abundance. Phoenix, AZ. <https://scisoc.confex.com/scisoc/2016am/webprogram/Paper101328.html> <https://scisoc.confex.com/scisoc/2016am/videogateway.cgi/id/27068?recordingid=27068>
- O'Neill, M. K., West, M. M. 2016. Forty-ninth Annual Progress Report: 2015 Cropping Season. NMSU Agricultural Science Center at Farmington. Agricultural Experiment Station and Cooperative Extension Service, New Mexico State University. Las Cruces, NM. <http://farmingtonsc.nmsu.edu/documents/nmsu-annrpt-2015-final-all.pdf>
- Lauriault, Leonard, Ian Ray, Chris Pierce, Owen Burney, Robert Flynn, Mark Marsalis, Mick O'Neill, and Margaret West. 2015. [The 2015 New Mexico Alfalfa Variety Test Report](#). Agricultural Experiment Station Variety Test Reports. New Mexico State University. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 17p.
- Lauriault, Leonard, Ian Ray, Chris Pierce, Owen Burney, Robert Flynn, Mark Marsalis, Mick O'Neill, and Curtis Owen. 2015. [The 2014 New Mexico Alfalfa Variety Test Report](#). Agricultural Experiment Station Variety Test Reports. New Mexico State University. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 14p.
- Marsalis, M.A., R.P. Flynn, L.M., Lauriault, A. Mesbah, and M.K. O'Neill. 2015. [New Mexico 2014 Corn and Sorghum Performance Tests](#). Agricultural Experiment Station Variety Test Reports. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 41p.
- O'Neill, MK. 2015. Trip Report. IV World Forestry Congress - Forests and People: Investing in a Sustainable Future. Agricultural Science Center at Farmington. Agricultural Experiment Station. New Mexico State University. Las Cruces, NM.
- O'Neill MK, SC Allen, RF Heyduck, KA Lombard, D Smeal and RN Arnold. 2015. Hybrid poplar: a potential multipurpose tree for drip irrigation in semi-arid regions. (Proceedings Paper). September 7-11, 2015. FAO 14th World Forestry Congress, Durban, South Africa. <http://foris.fao.org/wfc2015/api/file/55469d39e52d79267e89a464/contents/601eacf9-017f-4434-8000-a06b4ab2ee31.pdf>
- O'Neill MK, SC Allen, RF Heyduck, KA Lombard, D Smeal and RN Arnold. 2015. [Hybrid poplar: a potential multipurpose tree for drip irrigation in semi-arid regions](#). September 7-11, 2015. FAO 14th World Forestry Congress, Durban, South Africa.
- O'Neill MK, SC Allen, RF Heyduck, KA Lombard, D Smeal and RN Arnold. 2015. [Hybrid Poplar: A Potential Drip-irrigated Plantation Tree for the American Southwest](#). October 8-9, 2015. 60<sup>th</sup> Annual New Mexico Water Conference. Coloring outside the lines: Can science help us be creative and innovative in Managing our water? New Mexico Water Resources Institute. Taos, NM.
- O'Neill, MK and CH Menking. 2015. Final Evaluation Report for the NMSU-La Salle Partnership: Utopia Project 2014-2015. NMSU International and Border Programs. Las Cruces, NM.

- O'Neill, Mick, Dan Smeal, Blair Stringam, James Fulton, Jimmy Maynes, Sativa Cruz, Megan Stovall. 2015. Utopia Project: NMSU Participation in Bogotá and Yopal, Colombia (Nov 2014). April 10, 2015. NMSU Plant and Environmental Sciences Departmental Seminar.
- Smeal, D. B. Stringam, and MK O'Neill. 2015. Preliminary Irrigation Plan: Universidad de La Salle – Bogotá, Colombia, Utopia Campus Cacao Plantation. ULS Office of International Programs and NMSU International and Border Programs. Las Cruces, NM.
- O'Neill, M.K. and M.M. West (eds.) 2015. [Forty-eight Annual Progress Report: 2014 Cropping Season](#). With contributions from R.N. Arnold, D. Smeal, K.A. Lombard, S. Allen, and C.K. Owen. NMSU Agricultural Science Center at Farmington. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 202p.
- Allen, Samuel C., Michael K. O'Neill, Robert F. Heyduck, Kevin A. Lombard, Dan Smeal, Richard N. Arnold. 2014. [Hybrid Poplar \(\*Populus spp.\*\) Provenance Trials in a High Desert Region of New Mexico \(2002-2014\)](#). Society of American Foresters Annual Conference. October 8-11, 2014. Salt Lake City, Utah.
- Arnold, R.N., O'Neill, M.K., Smeal, D., Lombard, K.A., and M.M. West. 2014. [Pest control in crops grown in northwestern New Mexico, 2013](#). ADR 100-2013. (pp. 16). NMSU Cooperative Extension Service. Las Cruces, NM.
- Lauriault, Leonard, Ian Ray, Chris Pierce, Robert Flynn, Mark Marsalis, Mick O'Neill, Curtis Owen, and John Idowu. 2014. [The 2013 New Mexico Alfalfa Variety Test Report](#). Agricultural Experiment Station Variety Test Reports. New Mexico State University. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 15p.
- Marsalis, M.A., R.P. Flynn, L.M., Lauriault, A. Mesbah, and M.K. O'Neill. 2014. [New Mexico 2013 Corn and Sorghum Performance Tests](#). Agricultural Experiment Station Variety Test Reports. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 43p.
- O'Neill, M.K., S.C. Allen, R.F. Heyduck, K.A. Lombard, D. Smeal, and R.N. Arnold. 2014. [Hybrid poplar \(\*Populus spp.\*\) adaptation to a semi-arid region: results from Northwest New Mexico \(2002-2011\)](#). Agroforestry Systems 88(3):387-396.
- O'Neill, M.K., C.K. Owen, and S.C. Allen. 2014. [Winter Canola Testing in the High Elevation and Irrigated Lands of New Mexico](#). U.S. Canola Association Research Conference. ASA, CSSA, SSSA Annual Meeting Nov. 2-5, 2014. Long Beach, CA.
- Lauriault, Leonard, Ian Ray, Chris Pierce, Robert Flynn, Mark Marsalis, Mick O'Neill, Curtis Owen, and John Idowu. 2014. [The 2013 New Mexico Alfalfa Variety Test Report](#). Agricultural Experiment Station Variety Test Reports. New Mexico State University. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 15p.
- Marsalis, M.A., R.P. Flynn, L.M., Lauriault, A. Mesbah, and M.K. O'Neill. 2014. [New Mexico 2013 Corn and Sorghum Performance Tests](#). Agricultural Experiment Station Variety Test Reports. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 43p.
- O'Neill, M.K. and M.M. West (eds.) 2014. [Forty-seventh Annual Progress Report: 2013 Cropping Season](#). With contributions from R.N. Arnold, D. Smeal, K.A. Lombard, S. Allen, and C.K. Owen. NMSU Agricultural Science Center at Farmington. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 187p.
- Smeal, D., O'Neill, M.K., Owen, C.K., West, M.M., Allen, S.C., Arnold, R.N. 2014. [Forty-Three Years \(1969-2011\) of Climatological Data: NMSU's Agricultural Science Center at Farmington, NM](#). Bulletin 806. New Mexico State University, Agricultural Experiment Station. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 44p.

- Arnold, R.N., O'Neill, M.K., Smeal, D., Lombard, K.A. 2013. [Pest control in crops grown in northwestern New Mexico, 2012](#). New Mexico State University, Agricultural Experiment Station. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 16p.
- Arnold, R.N., O'Neill, M.K., Smeal, D., Lombard, K.A. 2013. [Pest control in crops grown in northwestern New Mexico, 2011](#). New Mexico State University, Agricultural Experiment Station. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 16p.
- Lauriault, Leonard, Ian Ray, Chris Pierce, Robert Flynn, Mick O'Neill, Curtis Owen, Tom Place, and John Idowu. 2013. [The 2012 New Mexico Alfalfa Variety Test Report](#). Agricultural Experiment Station Variety Test Reports. New Mexico State University. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. Las Cruces, NM. 12p.
- Lombard, K.A., B. Maier, F.J. Thomas, M.K. O'Neill, S.C. Allen, and R.F. Heyduck. 2013. [Wine grape cultivar performance in the Four Corners Region of New Mexico in 2010–12](#). HortTechnology 23(5):699-709.
- Marsalis, M.A., R.E. Kirksey, R.P. Flynn, M.K. O'Neill, L.M., Lauriault, and M. Place, 2013. [New Mexico 2012 Corn and Sorghum Performance Tests](#). Agricultural Experiment Station Variety Test Reports. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 35p.
- O'Neill M.K., R.F. Heyduck, S.C. Allen, K.A. Lombard, D. Smeal, and R.N. Arnold. 2013. [Ten Years of Poplar Research at NMSU's Agricultural Science Center at Farmington](#). Bulletin 805. Agricultural Experiment Station. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 16p.
- O'Neill, M.K. and M.M. West (eds.) 2013. [Forty-sixth Annual Progress Report: 2012 Cropping Season](#). With contributions from R.N. Arnold, D. Smeal, K.A. Lombard, S. Allen, C.K. Owen, and K.D. Kohler. NMSU Agricultural Science Center at Farmington. Agricultural Experiment Station and Cooperative Extension Service. College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 187p.
- Sammis, Ted, Mick O'Neill, and Junming Wang. 2013. [Estimating economic value of applied research projects](#). Research Report 781. Agricultural Experiment Station, New Mexico State University. Las Cruces, NM. 12p.
- Shock, C., R. Flock, E. Feibert, A. Pereira, and M.K O'Neill. 2013. [Drip irrigation guide for growers of hybrid poplar](#). Cooperative Extension Service Pub. EM 8902 (Revised 2013). Oregon State University. Corvallis, OR. 7p.
- Arnold, Richard N., Daniel Smeal, Kevin A. Lombard, Michael K. O'Neill, Samuel C. Allen, Margaret West, and Roselyn Yazzie 2012. [Broadleaf weed control in dry beans \(\*Phaseolus vulgaris\*\) with preemergence applications of Valor alone or in combination from 2004 to 2008](#). Research Bulletin 804. Agricultural Experiment Station, College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 4p.
- Arnold, R.N., O'Neill, M.K., Smeal, D. 2012. [Pest control in crops grown in northwestern New Mexico, 2009](#). NMSU Annual Data Report 100-2009. Cooperative Extension Service, College of Agricultural, Consumer and Environmental Sciences. New Mexico State University. Las Cruces, NM. 16p.
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