

Anne Streich

Department of Agronomy and Horticulture
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100% teaching (9-month appointment)

A. Academic Degrees

- MCRP, Community and Regional Planning, University of Nebraska, Lincoln, NE, December 2009
- MS, Horticulture, University of Nebraska, Lincoln, NE, December 1996
- BS, Horticulture, University of Nebraska, Lincoln, NE, December 1993

B. Professional Experience

2013- Associate Professor of Practice, University of Nebraska, Lincoln, NE
2011-2013 Assistant Professor of Practice, University of Nebraska, Lincoln, NE
2007-2011 Associate Extension Educator, University of Nebraska, Lincoln, NE
2003-2007 Assistant Extension Educator, University of Nebraska, Lincoln, NE
1999-2002 Extension Horticulturist-Outreach Programs, University of Nebraska, Lincoln, NE
1995-1996 Graduate Research Assistant, University of Nebraska-Lincoln, NE
1994 Turfgrass Research Technician, University of Nebraska, Lincoln, NE

C. Industry Experience

1998 Technical Sales Intern, Zeneca Professional Products, 6 Midwest states
1997-1998 Landscapes Unlimited, Estimator, Lincoln, NE
1997 National Arbor Day Foundation, Consultant, Lincoln, NE
1991-1993 Firethorn Golf Club, Maintenance Staff, Lincoln, NE

D. Membership in Academic, Professional, and Scholarly Societies

- National Academic Advising Association
- North American Colleges and Teachers of Agriculture
- UNL Academic Advising Association
- Sports Turf Managers Association
- Golf Course Superintendents Association of America
- Nebraska Golf Course Superintendents Association

E. Awards

- NAE4-HA Excellence in Natural Resources/Environmental Education Award, NE section, 2010
- NAE4-HA Excellence in Natural Resources/Environmental Education Award, North Central Region, 2010
- Presidential Award for Outstanding Service, Nebraska Turfgrass Association, 2008
- Festival of Color Team Award, IANR, 2000
- Discover Top 10 Award, 2000

F. Peer Reviewed Teaching Publications and Creative Materials

1. **Streich, Anne**. 2019. Recruitment strategies for increasing student enrollment in a turfgrass management program based on pre-college activities. *NACTA Journal* 63(2): 245-249.
2. Lee, Donald, David Holding, **Anne Streich**, and Brian Waters. 2018. 3rd Edition. *Plant Science: The Biology of Plants Grown for a Purpose*. Great River Technologies. eBook.
3. **Streich, Anne** and David Holding. 2017. Plant Growth concept map. In *Plant Science* eBook.
4. **Streich, Anne** and David Holding. 2017. Life Cycles concept map. In *Plant Science* eBook.
5. **Streich, Anne** and David Holding. 2017. N-Cycle concept map. In *Plant Science* eBook.
6. **Streich, Anne** and David Holding. 2017. Stomata and Transpiration concept map. In *Plant Science* eBook.
7. **Streich, Anne** and David Holding. 2017. Light Reactions concept map. In *Plant Science* eBook.
8. **Streich, Anne** and David Holding. 2017. Dark Reactions concept map. In *Plant Science* eBook.
9. **Streich, Anne** and David Holding. 2017. Photosynthesis Variation concept map. In *Plant Science* eBook.
10. **Streich, Anne** and David Holding. 2017. Respiration concept map. In *Plant Science* eBook.
11. **Streich, Anne** and David Holding. 2017. Plant Productivity concept map. In *Plant Science* eBook.
12. **Streich, Anne** and David Holding. 2017. Gene Expression concept map. In *Plant Science* eBook.
13. **Streich, Anne** and David Holding. 2017. Hormones concept map. In *Plant Science* eBook.
14. **Streich, Anne** and David Holding. 2017. Seed Biology concept map. In *Plant Science* eBook.
15. **Streich, Anne** and David Holding. 2017. Reproduction-Anatomy concept map. In *Plant Science* eBook.
16. **Streich, Anne** and David Holding. 2017. Reproduction-Genetics concept map. In *Plant Science* eBook.
17. **Streich, Anne** and David Holding. 2017. Pest Evolution concept map. In *Plant Science* eBook.
18. **Streich, Anne**. 2015. Dicot regrowth time-lapse photography. In *Plant Science* eBook.
19. **Streich, Anne**. 2014. Dicot and monocot growth time-lapse photography. 2014. In *Plant Science* eBook.
20. **Streich, Anne**. 2014. Dicot response to broadleaf herbicide application time-lapse photography. In *Plant Science* eBook.

G. Peer Reviewed Extension and 4-H Publications

1. Gaussoin, Roch and **Anne Streich** (Eds.) 2020. Integrated Turfgrass Management for the Northern Great Plains. Nebraska Extension. EC1557. *In progress*.
2. **Streich, Anne**. 2020. Turfgrass Establishment and Renovation. In *Integrated Turfgrass Management for the Northern Great Plains*. 9 pages.
3. **Streich, Anne**, Anthony Muhle, Kyle Broderick, Loren Giesler, and Jody Green. 2020. Integrated Pest Management: Diseases and Insects. In *Integrated Turfgrass Management for the Northern Great Plains*. 22 pages.
4. Gaussoin, Roch and **Anne Streich**. 2020. Integrated Weed Management. In *Integrated Turfgrass Management for the Northern Great Plains*. 13 pages.
5. Gaussoin, Roch and **Anne Streich**. 2020. Accurate Application and Placement of Pesticides and Fertilizer on Turfgrasses. In *Integrated Turfgrass Management for the Northern Great Plains*. 20 pages.
6. **Streich, Anne**, Steve Rodie, and Kim Todd. 2015. Grow a Beautiful Space I: Landscape Professionals and Design Principles. Nebraska Extension. 4H6110. 105 pages.
7. **Streich, Anne**, Steve Rodie, and Kim Todd. 2015. Grow a Beautiful Space II: Landscape Plants and Materials. Nebraska Extension. 4H6120. 150 pages.
8. **Streich, Anne**, Steve Rodie, and Kim Todd. 2015. Grow a Beautiful Space III: Landscape Graphics

- and the Design Process. Nebraska Extension. 4H6130. 135 pages.
9. **Streich, Anne**, Steve Rodie, and Kim Todd. 2015. Grow a Beautiful Space Manual I Leader's Guide. Nebraska Extension. 4H6115. 137 pages.
 10. **Streich, Anne**, Steve Rodie, and Kim Todd. 2015. Grow a Beautiful Space Manual II Leader's Guide. Nebraska Extension. 4H6125. 184 pages.
 11. **Streich, Anne**, Steve Rodie, and Kim Todd. 2015. Grow a Beautiful Space Manual III Leader's Guide. Nebraska Extension. 4H6135. 178 pages.
 12. **Streich, Anne**, Zac Reicher and Kim Todd. 2014. Mulching the Landscape. Nebraska Extension. EC1274. 8 pages.
 13. **Streich, Anne**, Martha Mamo, Charles Wortman, and David Holding. 2014. Plant Nutrients and Soil Fertility. Nebraska Extension. EC1275. 8 pages.
 14. **Streich, Anne** and Kim Todd. 2014. Protecting Landscape Plants. Nebraska Extension. EC1276. 8 pages.
 15. **Streich, Anne** and Kim Todd. 2014. Classification and Naming of Plants. Nebraska Extension. EC1272. 8 pages.
 16. Holding, David and **Anne Streich**. 2014. Plant Growth Processes: Transpiration, Photosynthesis, and Respiration. Nebraska Extension. EC1268. 12 pages.
 17. **Streich, Anne**, Martha Mamo, Charles Wortman, Humberto Blanco, and Dennis McCallister. 2014. Properties of Landscape Soils. Nebraska Extension. EC1267. 16 pages.
 18. **Streich, Anne**, Roch Gaussoin, and Zac Reicher. 2014. Managing Turf and Landscape Weeds. Nebraska Extension. EC 1256. 16 pages.
 19. **Streich, Anne** and Steve Rodie. 2014. Identifying Landscape Plants. Nebraska Extension. EC1265. 20 pages.
 20. Hygnstrom, Janet, Clyde Ogg, Erin Bauer, Pierce Hansen and **Anne Streich**. 2013. Integrated Pest Management in Landscapes. Nebraska Extension. EC1266. 12 pages.
 21. Reicher, Zac, Keenan Amundsen, **Anne Streich**, Fred Baxendale, and Loren Giesler. 2012. Tall Fescue Management Calendar. Nebraska Extension. G558. 2 pages.
 22. Reicher, Zac, Keenan Amundsen, **Anne Streich**, Fred Baxendale, and Loren Giesler. 2012. Kentucky Bluegrass Management Calendar. G517. 2 pages.
 23. Reicher, Zac, Keenan Amundsen, **Anne Streich**, Fred Baxendale, and Loren Giesler. 2012. Buffalograss Management Calendar. Nebraska Extension. G2178. 1 page.
 24. **Streich, Anne M.**, Amy D. Timmerman, James A. Kalisch, Stephen M. Vantassel, Frederick P. Baxendale, and Scott E. Hygnstrom. Nebraska Extension. 2011. Landscape Diagnostic Guide for Problems Affecting Woody Ornamentals and Herbaceous Perennials. EC1260. 196 pages.
 25. **Streich, Anne** and Steven Rodie. 2007. Trees for Home Landscapes. Nebraska Extension. G1747. 4 pages.
 26. **Streich, Anne** and Dale T. Lindgren. 2007. Culture of Iris. Nebraska Extension. G1741. 3 pages.
 27. **Streich, Anne**. 2007. Garden Terms: Plant Classification. Nebraska Extension. EC1258. 6 pages.
 28. **Streich, Anne**. 2007. Garden Terms: Reproductive Plant Morphology - Seeds, Flowers, and Fruits. Nebraska Extension. EC1257. 7 pages.
 29. **Streich, Anne**. 2007. Garden Terms: Vegetative Plant Morphology - Leaves, Stems, Roots. Nebraska Extension. EC 1259. 9 pages.
 30. Fech, John, Dale Lindgren, **Anne Streich**, and Kim Todd. 2007. Ornamental Grasses for Nebraska Landscapes. Nebraska Extension. G1691. 4 pages.
 31. Lindgren, Dale, **Anne Streich**, Kim Todd, and Steven Rodie. 2007. Annuals for Nebraska Landscapes I. Flowering Plants. Nebraska Extension. G1774. 4 pages.
 32. Lindgren, Dale, **Anne Streich**, Kim Todd, and Steven Rodie. 2007. Annuals for Nebraska Landscapes II: Foliage, Grasses, Fruits and Vines. Nebraska Extension. G1775. 3 pages.

33. **Streich, Anne** and Roch Gaussoin. 2006. Landscape Weed Management. Nebraska Extension. EC1256. 8 pages.
34. Rodie, S., **Streich, A.**, Todd, K., Baxendale, F. and L. Giesler. 2006. Hostas. Nebraska Extension. G1683. 4 pages.
35. Bauer, Erin, Editor. Fred Baxendale, Roch Gaussoin, Loren Giesler, Tiffany Heng-Moss, Robert Klein Clyde Ogg, Robert Shearman, **Anne Streich**, and Stephen Wegulo, Technical Consultants. 2006. Ornamental and Turf Pest Control. Second edition. Pesticide Education-04.
36. **Streich, Anne** and Roch Gaussoin. 2005/2012 revised. Mulches for the Home Landscape. Nebraska Extension. G1257. 4 pages.
37. **Streich, Anne**, Roch Gaussoin, Steven Rodie. 2005. Landscapes for Shade. Nebraska Extension. EC1341. 6 pages.
38. **Streich, Anne** 2004. IPM for Turf and Grounds (chapter adaption). In *Integrated Pest Management for Schools: A How-to Manual*. UNL Pesticide Education.
39. **Streich, Anne** 2004. IPM for Trees and Shrubs (chapter adaptation). In *Integrated Pest Management for Schools: A How-to Manual*. UNL Pesticide Education.
40. **Streich, Anne** and Roch Gaussoin. 2004. Landscape Weed Control. Nebraska Extension. NF603. 2 pages.
41. **Streich, Anne**, Kelly Feehan, and Kim Todd. 2004. Container Gardening. Nebraska Extension. G1363. 2 pages.
42. **Streich, A.M.**, D.B. Marx, J.M. Stafford, S.N. Rodie, and K.W. Todd. 2003. Estimation of Attendance at a Large Outdoor Event. *Journal of Extension*. October 41(5).
<https://www.joe.org/joe/2003october/tt5.php>
43. Steinegger, Don, **Anne Streich** and Don Janssen. 1999/2007 revised. Spring Flowering Bulbs. Nebraska Extension. G428. 4 pages.
44. Gaussoin, Roch and **Anne Streich**. 2002. Consumer Lawn and Landscape Herbicide List. Nebraska Extension. EC1251. 6 pages.
45. Pabst, Troy, **Anne Streich**, and Steve Rodie. 2002. Introduction to Water Gardening. Nebraska Extension. EC1252. 15 pages.
46. **Streich, Anne**, Steve Rodie and Roch Gaussoin. 2001. Turf in the Landscape. Nebraska Extension. G1418. 4 pages.
47. **Streich, Anne**. 2001/2007 revised. Guide to Selecting Houseplants. Nebraska Extension. G837. 3 pages.
48. Steinegger, Don and **Anne Streich**. 2001. Perennials. Nebraska Extension. G1015. 4 pages.
49. **Streich, Anne** and Don Steinegger. 2000. Daylilies. Nebraska Extension. G1412. 2 pages.
50. Rodie, Steve, John Fech, Roch Gaussoin and **Anne Streich**. 2000. Watering Nebraska Landscapes: When and How Much? Nebraska Extension. G1400. 6 pages.
51. Rodie, Steve and **Anne Streich**. 2000/2009 revised. Landscape Sustainability. Nebraska Extension. G1405. 4 pages.
52. Steinegger, Don, Susan Schoneweis, Steve Rodie, Dale Lindgren and **Anne Streich**. 1999. Annual Flowers for Nebraska. Nebraska Extension. G739. 2 pages.
53. Steinegger, Don, John Fech, Dale Lindgren and **Anne Streich**. 1999. Ornamental Grasses in Nebraska Landscapes. Nebraska Extension. G1310. 6 pages.
54. **Streich, Anne** and Don Steinegger. 1999. Selecting a Ground Cover. Nebraska Extension. G698. 6 pages.
55. Steinegger, Don, Susan Schoneweis, Steve Rodie and **Anne Streich**. 1999. Growing Annual Flowers. Nebraska Extension. G721. 4 pages.
56. Steinegger, Don and **Anne Streich**. 1999. Growing Perennials. Nebraska Extension. G1828. 10 pages.

Refereed Turfgrass Management Journal Articles

1. **Streich, Anne M.**, Roch E. Gaussoin, Walter W. Stroup, and Robert C. Shearman. 2005. Survey of management and environmental conditions on golf ball roll distance. *International Turfgrass Society Research Journal* (10):446-454.
2. Kerek, M., R.A. Drijber, W.L. Powers, R.C. Shearman, R.C. Gaussoin, **A.M. Streich**. 2002. Accumulation of microbial biomass within particulate organic matter of aging golf greens. *Agronomy Journal* 94(3):455-461.
3. **Rist, A.M.**, M.F. Kocher, W.W. Stroup, R.E. Gaussoin, R.D. Grisso, and R.C. Shearman. 1999. Golf ball deceleration measuring system to evaluate surface uniformity on golf course greens. *Crop Science* Vol. 39(3):741-745.
4. **Streich, A.M.** and R.E. Gaussoin. 1999. Quantifying the Impacts of Genotype Selection and Turfgrass Management on the Speed and Smoothness of Putting Greens. *Diversity*. 16(1-2) p.35-36.
5. **Rist, A.M.**, R.E. Gaussoin, R.C. Shearman, J.D. Fry, and W.W. Stroup. 1997. Season and genotype influence golf ball roll distance on creeping bentgrass. *HortScience* 32(5): 878-879.

H. Teaching and Advising Activities

- AGRO/HORT 131 Plant Science (3 credits), 2010-present
- AGRO 201 Agronomic Career and Internship Preparation (1 credit), 2018-19
- TLMT 127 Survey of Turfgrass and Landscape Management (1 credit), 2011-present
- HORT 396 Turf Competitions (0-1 credit), 2013-present
- TLMT 295 Extended Internship (1-12 credits), 2007-present
- TLMT 395 Career Experience (1-5 credits), 2007-present
- HORT 395 Career Experience (1-5 credits), 2018-19
- HORT 399/AGRO 496 Independent Study (1-5 credits), various semesters
- TLMT 440/840 Turfgrass and Landscape IPM (1 credit), 2008-10
- TLMT 328 Turfgrass Equipment (1 credit), 2008-09
- FFA Nursery and Landscape Career Development Event, superintendent, 2000-2018
- ~140 undergraduate advisees (Agronomy, Horticulture, Turfgrass & Landscape Management)
- New Student Enrollment advisor
- Agronomy & Horticulture curriculum committee
- Agronomy & Horticulture scholarship chair (\$160,000+ awarded 2019-20)

I. Grants

- Horticulture Curriculum Development, Review, and In-service Training. 2003-04. UNL Extension, \$3600. **Anne Streich**, Roch Gaussoin, and Kim Todd.
- At-Risk Youth Horticulture Program. 2005-06. Lincoln Community Foundation, \$5120. Annette Thompson (Lancaster Youth Services), Betty Hutchinson, and **Anne Streich**.
- At-Risk Youth Horticulture Program. 2005-06. Cooper Foundation, \$5500. Annette Thompson (Lancaster Youth Services), Betty Hutchinson, and **Anne Streich**.
- Regional Landscape Design Curriculum and Training. 2005-06. UNL Extension, \$7500. Steve Rodie, Deana Namuth, **Anne Streich**, Sarah Browning, Anne Marie VanDerZanden.
- Web-based Master Gardener Training/Horticulture Training. 2006-2007. UNL Extension, \$5000. **Anne Streich**, Kim Todd, Larry Schulze, Roch Gaussoin, and Jennifer Chaky.
- Nebraska Extension IPM Coordination Program. 2009-10. USDA-NIFA, \$235,725. Richard Koelsch, Mark Bernards, Frederick Baxendale, Roch Gaussoin, Gary Hein, Scott Hygnstrom, Shripat Kamble, Thomas Hunt, Clyde Ogg, **Anne Streich**, Robert Wright, and C Yonts.

- Nebraska Extension IPM Coordination Program. 2010-12. USDA-NIFA, \$223,305. Frederick Baxendale, Roch Gaussoin, Mark Bernards, Jeff Bradshaw, Scott Hygnstrom, Tamra Jackson, Shripat Kamble, Clyde Ogg, **Anne Streich**, Robert Wright, Amy Timmerman, C Yonts