

Publications

Lynn E. Sollenberger (1984 – Present)

Career Summary

Total: 801
Books edited: 1
Book chapters: 25
Invited reviews: 25
Refereed journal articles (published or accepted): 313
EDIS: 16
Non-refereed articles: 102
Abstracts: 319

The following list shows publications in various categories in reverse chronological order (*, lead author is a graduate student, post-doc, or visiting scientist for whom Dr. Sollenberger was committee chair or co-chair or primary mentor at the time the work was conducted; †, lead author is a graduate student for whom Dr. Sollenberger served as a member of their graduate committee during the time the work was conducted).

A. Books Edited

1. Moser, L.E., B.L. Burson, and L.E. Sollenberger (ed.). 2004. Warm-season (C₄) grasses. ASA, CSSA, SSSA, Madison, WI.

B. Books, Author of Chapter

1. Sollenberger, L.E., M.M. Kohmann, K.R. Trumpp, and J.C.B. Dubeux, Jr. Plant-soil-animal interactions affecting nutrient cycling in grazed grasslands. In A. van den Pol-van Dasselaar (ed.) *Advances in temperate grassland science and management*. Burleigh Dodds Science Publishing. Cambridge, UK.
2. Dubeux, J.C.B., and L.E. Sollenberger. 2020. Nutrient cycling in grazed pastures. p. 59-75. In F.M. Rouquette and G.E. Aiken (eds.) *Management strategies for sustainable cattle production on southern pastures*. Elsevier Publishers, Amsterdam, Netherlands.
3. Sollenberger, L.E., G.E. Aiken, and M.O. Wallau. 2020. Managing grazing in forage-livestock systems. p. 77-100. In F.M. Rouquette and G.E. Aiken (eds.) *Management strategies for sustainable cattle production on southern pastures*. Elsevier Publishers, Amsterdam, Netherlands.
4. Sollenberger, L.E., Y.C. Newman, and B. Macoon. 2020. Pasture design and grazing management. p. 803-814. In K.J. Moore et al. (eds.) *Forage, Volume II – The science of grassland agriculture (7th edition)*, John Wiley and Sons Publishers, West Sussex, UK. <https://doi.org/10.1002/9781119436669.ch44>.

5. Sollenberger, L.E., J.M.B. Vendramini, C.G.S. Pedreira, and E.F. Rios. 2020. Warm-season grasses for humid areas. p. 331-345. In K.J. Moore et al. (eds.) *Forage, Volume II – The science of grassland agriculture* (7th edition), John Wiley and Sons Publishers, West Sussex, UK. <https://doi.org/10.1002/9781119436669.ch18>.
6. Sollenberger, L.E., and M.O. Wallau. 2020. Grassland-herbivore interactions. p. 201-214. In K.J. Moore et al. (eds.) *Forage, Volume II – The science of grassland agriculture* (7th edition), John Wiley and Sons Publishers, West Sussex, UK. <https://doi.org/10.1002/9781119436669.ch10>.
7. Sollenberger, L.E., and M. Collins. 2017. Legumes for southern areas. p. 133-149. In M. Collins et al. (eds.) *Forages, Volume 1 - An introduction to grassland agriculture* (7th edition), John Wiley and Sons Publishers, West Sussex, UK.
8. Sollenberger, L.E., S.W. Coleman, and J.M.B. Vendramini. 2014. Plant-animal interface in grazing systems. p. 75-86. In R.A. Reis et al. (ed). *Forages: Science, technology and management of forage resources*. Federal University of Lavras, Lavras, Brazil.
9. Sollenberger, L.E., C.T. Agouridis, E.S. Vanzant, A.J. Franzluebbbers, and L.B. Owens. 2012. Prescribed grazing on pasturelands. p. 111-204. In C.J. Nelson (ed.) *Conservation outcomes from pastureland and hayland practices: Assessment, recommendations, and knowledge gaps*. Allen Press, Lawrence, KS.
10. Nelson, C.J., D.J. Barker, L.E. Sollenberger, and C.W. Wood. 2012. New foundations for conservation standards. p. 5-24. In C.J. Nelson (ed.) *Conservation outcomes from pastureland and hayland practices: Assessment, recommendations, and knowledge gaps*. Allen Press, Lawrence, KS.
11. Sheaffer, C.C., L.E. Sollenberger, M.H. Hall, C.P. West, and D.B. Hannaway. 2009. Grazinglands, forages, and livestock in humid regions. p. 95-120. In W. Wedin and S. Fales (ed.) *Grassland: Quietness and strength for a new American agriculture*. ASA-CSSA-SSSA, Madison, WI.
12. Allen, V.G., R. Heitschmidt, and L.E. Sollenberger. 2007. Grazing systems and strategies. p. 709-729. In R.F Barnes et al. (ed.) *Forages - The science of grassland agriculture* (6th edition), Blackwell Publishing, Ames, IA.
13. Coleman, S.W., and L.E. Sollenberger. 2007. Plant-herbivore interactions. p. 123-136. In R.F Barnes et al. (ed.) *Forages - The science of grassland agriculture* (6th edition), Blackwell Publishing, Ames, IA.
14. Hanna, W.W., and L.E. Sollenberger. 2007. Tropical and subtropical grasses. p. 245-255. In R.F Barnes et al. (ed.) *Forages - The science of grassland agriculture* (6th edition), Blackwell Publishing, Ames, IA.

15. Sollenberger, L.E., and Y.C. Newman*. 2007. Grazing management. p. 651-659. *In* R.F. Barnes et al. (ed.) Forages - The science of grassland agriculture (6th edition), Blackwell Publishing, Ames, IA.
16. Hanna, W.W., C.J. Chaparro*, B.W. Mathews*, J.C. Burns, L.E. Sollenberger, and J.R. Carpenter. 2004. Perennial *Pennisetums*. p. 503-535. *In* L.E. Moser, B.L. Burson, and L.E. Sollenberger (ed.). Warm-season (C₄) grasses. ASA/CSSA/SSSA, Madison, WI.
17. Moser, L.E., B.L. Burson, and L.E. Sollenberger. 2004. Warm-season(C₄) grass overview. p. 1-14. *In* L.E. Moser, B.L. Burson, and L.E. Sollenberger (ed.). Warm-season (C₄) grasses. ASA/CSSA/SSSA, Madison, WI.
18. Quesenberry, K.H., L.E. Sollenberger, and Y.C. Newman*. 2004. Limpograss. p. 809-832. *In* L.E. Moser, B.L. Burson, and L.E. Sollenberger (ed.). Warm-season (C₄) grasses. ASA/ CSSA/SSSA, Madison, WI.
19. Sollenberger, L.E., R.A. Reis*, L.G. Nussio, C.G. Chambliss, and W.E. Kunkle. 2004. Forage conservation. p. 355-387. *In* L.E. Moser, B.L. Burson, and L.E. Sollenberger (ed.). Warm-season (C₄) grasses. ASA/CSSA/SSSA, Madison, WI.
20. Sollenberger, L.E., and M. Collins. 2003. Legumes for southern areas. p. 191-213. *In* R.F. Barnes, C.J. Nelson, M. Collins, and K.J. Moore (ed.) Forages, Volume 1 - An introduction to grassland agriculture (6th edition), Iowa State Univ. Press, Ames, IA.
21. Eilittä, M.*, and L.E. Sollenberger. 2002. The many uses of mucuna: velvetbean in the southern United States in the early 20th century. p. 73-110. *In* M. Flores, M. Eilittä, R. Myhrman, L. Carew, and B. Carsky (ed.) Food and feed from mucuna: Current uses and the way forward. Proceedings of a Workshop in Tegucigalpa, Honduras, 26-29 Apr. 2001. CIDICCO, CIEPCA, and World Hunger Research Center. Tegucigalpa, Honduras.
22. Moore, J.E., and L.E. Sollenberger. 1997. Techniques to predict pasture intake. p. 79-96. *In* J.A. Gomide (ed.) Proceedings of the International Symposium on Animal Production Under Grazing. Departamento de Zootecnia, Universidad Federal de Vicosa. 4-6 Nov. 1997, Vicosa, MG, Brazil.
23. Mathews, B.W.*, L.E. Sollenberger, and J.P. Tritschler II. 1996. Grazing systems and spatial distribution of nutrients in pastures: Soil considerations. p. 213-229. *In* R.E. Joost and C.A. Roberts (ed.) Nutrient cycling in forage systems. Potash and Phosphate Institute and The Foundation for Agronomic Research, Manhattan, Kansas.
24. Ocumpaugh, W.R., and L.E. Sollenberger. 1995. Other grasses for the Humid South. p. 441-449. *In* R.F Barnes et al. (ed.) Forages: An introduction to grassland agriculture, (vol. 1), Iowa State Univ. Press, Ames, IA.

25. Sollenberger, L.E., and D.J.R. Cherney. 1995. Evaluating forage production and quality. p. 97-110. *In* R.F Barnes et al. (ed.) Forages: The science of grassland agriculture (vol. 2), Iowa State Univ. Press, Ames, IA.
26. Moore, J.E., L.E. Sollenberger, G.A. Morantes, and P.T. Beede. 1987. Canopy structure of *Aeschynomene americana-Hemarthria altissima* pastures and ingestive behavior of cattle. p. 93-114. *In* F.P. Horn et al. (ed.) Grazing-lands research at the plant-animal interface. Winrock International, Morrilton, Arkansas.

C. Invited Reviews (invited presentations resulting in a review published in meeting proceedings; those resulting in a refereed journal article are listed under that heading)

1. Sollenberger, L.E. 2023. Mentoring graduate students for careers in grassland science. p. 1724-1727. *In*: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-04235>
2. Sollenberger, L.E., and M.M. Kohmann. 2023. Climate change and legume performance in grassland agroecosystems. p. 911-916. *In*: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-0217>
3. Dubeux, J.C.B., Jr., and L.E. Sollenberger. 2021. Sustainable intensification of livestock systems using forage legumes. p. 336-340 (Volume 1). *In*: Mureithi, J.G. et al. (eds.) Proc. Int. Grassl. Cong. 24th. 25-29 Oct. 2021, Nairobi, Kenya. Kenya Agricultural and Livestock Research Organization (KALRO).
4. Adesogan, A.T., J.C.B. Dubeux Jr., and L.E. Sollenberger. 2015. Nutrient movements through ruminant livestock production systems. Proc. Int. Grassl. Cong, 23rd. India.
5. Dubeux Jr., J.C.B., J.P. Muir, P.K.R. Nair, L.E. Sollenberger, H.M.S. Silva, A.C.L. Mello. 2015. The advantages and challenges of integrating tree legumes into pastoral systems. p. 141-164. *In*: A.R. Evangelista et al. (eds.), International Conference on Forages in Warm Climates, Lavras, MG, Brazil. Lavras, UFLA.
6. Dubeux, J.C.B., Jr., L.E. Sollenberger, H.M.S. Silva, T.C. de Souza, E.L. Mozley III, and E.R.S. Santos. 2014. Nutrient cycling in tropical pastures: What do we know? p. 253-286. *In* O.G. Pereira et al. (ed.) 7th Symposium on Strategic Management of Pasture. 13-15 Nov. 2014. Viçosa, Brazil.
7. Sollenberger, L.E., J.C. Dubeux, Jr., and J.P. Muir. 2014. Establishment and management of legume-grass pastures. p. 135-177. *In* O.G. Pereira et al. (ed.) 7th Symposium on Strategic Management of Pasture. 13-15 Nov. 2014. Viçosa, Brazil.
8. Sollenberger, L.E. 2014. Changing emphases in soil-plant-animal research in pastures. *In* Proc. Brazilian Soc. Animal Sci. Mtg., 51st, Barra dos Coqueiros, Brazil. 29 July-1 Aug. 2014. Sociedade Brasileira de Zootecnia, Brasilia, Brazil. (38 pages).

9. Sollenberger, L.E., and E.S. Vanzant. 2010. Grazing management under subtropical conditions. p. 41-67. *In* O.G. Pereira et al. (ed.) 5th Symposium on Strategic Management of Pasture and 3rd International Symposium on Animal Production Under Grazing. 11-13 Nov. 2010. Viçosa, Brazil.
10. Silveira, M.L., J.M. Vendramini, and L.E. Sollenberger. 2008. Pasture fertilization and water quality. p. 279-283. *In* O.G. Pereira et al. (ed.). 4th Symposium on Strategic Management of Pasture and 2nd International Symposium on Animal Production under Grazing. 13-15 Nov. 2008, Viçosa, Brazil. Dept. de Zootecnia, Universidade Federal de Viçosa, Viçosa, Brazil.
11. Sollenberger, L.E. 2008. Sustainable production systems for *Cynodon* species in the subtropics and tropics. p. 85-100. *In* A.R. Evangelista et al. (ed.) Proc. Brazilian Soc. Animal Sci. Mtg., 45th, Lavras, Brazil. 22-25 July 2008. Sociedade Brasileira de Zootecnia, Brasilia, Brazil.
12. Sollenberger, L.E., and R.S. Kalmbacher. 2005. Aeschynomene and carpon desmodium: Legumes for bahiagrass pasture in Florida. p. 334-340. *In* F.P. O'Mara et al. (ed.) Proc. Int. Grassl. Cong., 20th, Dublin, Ireland, 26 June - 1 July 2005. Wageningen Academic Publishers, Wageningen, The Netherlands.
13. Dubeux, J.C.B., Jr.*, H.Q. Santos*, and L.E. Sollenberger. 2004. Nutrient cycling: Perspectives for increasing sustainability of intensively managed pastures. p. 357-400. *In* C.G.S. Pedreira et al. (ed.) Proceedings of the 21st Pasture Management Symposium, 7-9 Sept. 2004. Piracicaba, Brazil. Luiz de Queiroz Agronomic Studies Foundation, Piracicaba, Brazil.
14. Sollenberger, L.E., J.C.B. Dubeux*, H.Q. Santos*, and B.W. Mathews*. 2002. Nutrient cycling in tropical pasture ecosystems. p. 151-179. *In* A.M.V. Batista et al. (ed.) Proc. Brazilian Soc. Animal Sci., 39th, Recife, Brazil. 29 July-1 Aug. 2002. Sociedade Brasileira de Zootecnia, Brasilia, Brazil.
15. Burns, J.C., and L.E. Sollenberger. 2001. The conduct of grazing trials: Measurements explaining why animal response differences occur. p. 18-24. *In* D. Lang (ed.) Proc. 56th Southern Pasture Forage Crop Improvement Conf., 21-22 Apr. 2001, Springdale, AR.
16. Sollenberger, L.E., and J.C. Burns. 2001. Canopy characteristics, ingestive behaviour, and herbage intake in cultivated tropical grasslands. p. 321-327. *In* J.A. Gomide et al. (ed.) Proc. Int. Grassl. Cong., 19th, São Pedro, Brazil, 10-21 Feb. 2001. Brazilian Society of Animal Husbandry, Piracicaba, Brazil.
17. Sollenberger, L.E., and J.C. Burns. 2001. The conduct of grazing trials: Rationale, treatment selection, and basic measurements. p. 25-30. *In* D. Lang (ed.) Proc. 56th Southern Pasture Forage Crop Improvement Conf., Springdale, AR. 21-22 Apr. 2001. Agronomy Dep., Mississippi State Univ., Starkeville.

18. Sollenberger, L.E., C.G.S. Pedreira*, P. Mislevy, and I.F. Andrade. 1995. New *Cynodon* forages for the subtropics and tropics. p. 22-26. *In Proc. Int. Conf. on Livestock in the Tropics*. University of Florida, Gainesville.
19. Sollenberger, L.E. 1992. Options for improving forage quality in tropical pasture systems. p. 25-52. *In Proc. Technology Transfer to Latin America Conf.*, College Station, TX, 18-21 Aug. 1992. Office of Mexican and Latin American Programs, College Station.
20. Sollenberger, L.E. 1992. Management considerations for subtropical pastures. p. 59-65. *In Claves para una ganaderia exitosa en zonas subtropicales*. Corrientes, Argentina, 15 Oct. 1992, Organizacion Internacional Agropecuaria, Buenos Aires, Argentina.
21. Sollenberger, L.E. 1992. Pasture species adapted to subtropical regions. p. 34-40. *In Claves para una ganaderia exitosa en zonas subtropicales*. Corrientes, Argentina, 15 Oct. 1992, Organizacion Internacional Agropecuaria, Buenos Aires, Argentina.
22. Sollenberger, L.E. 1992. Production and utilization of limpoglass in the tropics. p. 15-19. *In Claves para una ganaderia exitosa en zonas subtropicales*. Corrientes, Argentina, 15 Oct. 1992, Organizacion Internacional Agropecuaria, Buenos Aires, Argentina.
23. Moore, J.E., and L.E. Sollenberger. 1986. Canopy structure effects on ingestive behavior. p. 53-57. *In Proc. 42nd Southern Pasture and Forage Crop Improvement Conference*. Athens, GA, 15-16 Apr. 1986. USDA-ARS, Watkinsville, GA.
24. Quesenberry, K.H., L.E. Sollenberger, and K.A. Albrecht. 1986. Breeding, selection, agronomic, and grazing evaluation of tropical legumes. p. 152-58. *In Proc. 1986 Symposium on Tropical/Subtropical Agriculture Research*. Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
25. Moore, J.E., L.E. Sollenberger, G.A. Morantes, and P.T. Beede. 1986. Canopy structure of *Aeschynomene americana-Hemarthria altissima* pastures and ingestive behavior of cattle. p. 1126-1128. *In T. Okubo and M. Shiyomi (eds.) Proc. Int. Grassl. Cong., 15th, Kyoto, Japan. 24-31 Aug. 1985. The Science Council of Japan/The Japanese Soc. of Grassl. Sci., Natl. Grassl. Res. Inst., Nishi-nasuno, Tochigi-Ken, Japan.*

D. Refereed Journal Articles

1. Aryal, P.*, L.E. Sollenberger, and J.C.B. Dubeux, Jr. Nitrogen fertilization during rhizoma peanut establishment affects planting-year nitrogen fixation. *Grass Forage Sci.* (in press).
2. Caram, N.*, F. Casalás, P. Soca, M.O. Wallau, L.E. Sollenberger, M. Cadenazzi, P. Boggiano. Grazing intensity controls the seasonal utilization of functionally diverse patches by mediating herbivore selectivity. *Rangeland Ecology and Management*. (in review).

3. Caram, N.*, F. Casalás, M.O. Wallau, L.E. Sollenberger, P. Soca, M. Cadenazzi, and P. Boggiano. How relevant is including temporal intraspecific and interspecific trait variation when assessing functional responses of native grasslands? *J. Veg. Sci.* (in review).
4. Garcia, L., J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, E.R.S. Santos, D.M. Jaramillo, L.M.D. Queiroz, and M. Ruiz-Moreno. Forage intake and enteric methane emissions in N-fertilized or grass-legume pastures during cool and warm seasons. *Agron. J.* (in co-author review).
5. Garzon, J.E.A.†, J.M.B. Vendramini, M.L. Silveira, J.C.B. Dubeux, Jr., L.E. Sollenberger, H-L. Liao, H.M.S. da Silva, V.C. Gomes, H.M.R. Oliveira, and P. Morial. 2024. *Aeschynomene* overseeding and N fertilization effects in bahiagrass litter decomposition. *Agron. J.* <https://doi.org/10.1002/agj2.21561>
6. Lopes, M.S., P.M. Santos, L.G. Barioni, B.H. Pereira, S.V. Cuadra, D.N.L. Pequeno, F.R. Marin, and L.E. Sollenberger. Yield gap analysis framework applied to pasture-based livestock systems in Brazil. *Field Crop Res.* (in review).
7. Otaviano, E.K.S., A.F. Mammana, C.M. Gomes, A.M. dos Santos Silva, L.F.G. Carvalho, A.F. Sbrissia, R.A. Barbosa, L.E. Sollenberger, S.C. da Silva. Canopy structure and rate of herbage intake of three tropical forage grasses cultivated as pure or mixed stands. *Livestock Sci.* (in review).
8. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, H. Liao, C.L. Mackowiak, D.M. Jaramillo, E.R.S. Santos, L. Garcia, H.M.S. Silva, A.S. Erhunmwunse, and M. Ruiz-Moreno. Sward response of rhizoma peanut-bahiagrass mixtures and bahiagrass monocultures in contrasting on-farm environments. *Agron. J.* (in co-author review).
9. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, H. Liao, D.M. Jaramillo, E.R.S. Santos, D.S. Abreu, M.A. Lira Jr., D.R. Casagrande, C.L. Mackowiak, and M. Ruiz-Moreno. Tracking nitrogen transfer in grass-legume systems using enriched ¹⁵N₂. *Crop Sci.* (in co-author review).
10. Santos, E.R.S.†, J.C.B. Dubeux, Jr., L.E. Sollenberger, et al. Rhizoma peanut root-rhizome mass, growth, and decomposition under grazing or hay management. *Agron. J.* (in review).
11. Sollenberger, L.E., and M.M. Kohmann. Forage legume responses to climate change factors. *Crop Sci.* (in review).
12. Vieira-Filho, L.P.†, M.L. Silveira, M.M. Kohmann, L.E. Sollenberger, J. Sanchez, A. Cardoso, and E. Ricken. 2024. Agronomic impacts of new regulations governing land application of Class B biosolids in Florida. *Agron. J.* 116:141-152. <https://doi.org/10.1002/agj2.21510>

13. Barreta, D.A.* , F.L. Winter, F.C.S. Gislon, L.E. Sollenberger, and A.F. Sbrissia. 2023. Managing a mixed sward for maintaining species diversity and functional diversity. *European J. Agron.* 149:126883. <https://doi.org/10.1016/j.eja.2023.126883>
14. Barreta, D.A.* , D. dos S. Comassetto, F. Piran, L.E. Sollenberger, and A.F. Sbrissia. 2023. Species and functional diversity of cool-season pastures are influenced by warm-season grazing management. *Agric. Syst.* 211:103728. <https://doi.org/10.1016/j.agsy.2023.103728>
15. Caram, N.* , P. Soca, L.E. Sollenberger, W. Baethgen, M.O. Wallau, M.E. Mailhos. 2023. Studying beef production evolution to plan for ecological intensification of grazing ecosystems. *Agric. Syst.* 205:103582. <https://doi.org/10.1016/j.agsy.2022.103582>
16. Carvalho, A.P.S., L.F. Domiciano, I.G.N. Paraiso, D.S.M. Silva, L.S. Cabral, L.E. Sollenberger, D.H. Pereira, and B.C. Pedreira. 2023. Herbage and animal responses on continuously stocked ‘Ipyporã’ and ‘Mulato II’ brachiariagrasses. *Grass Forage Sci.* 78:137–146. <https://doi.org/10.1111/gfs.12595>
17. Garzon, J.E.A.†, J.M.B. Vendramini, M.L. Silveira, J.C.B. Dubeux, Jr., L.E. Sollenberger, H.-L. Liao, P. Moriel, H.M.S. Silva, V.C. Gomes, M. Igor, and N.M. Alencar. 2023. Residue management and genotype effects on sunn hemp decomposition. *Agron. J.* 115:261–272. <https://doi.org/10.1002/agj2.21193>
18. Garzon, J.E.A.†, J.M.B. Vendramini, M.L. Silveira, J.C.B. Dubeux, Jr., S. Liao, L.E. Sollenberger, H.M.S. da Silva, V.C. Gomes, and H.M.R. de Oliveira. 2023. Overseeding aeschynomene and N fertilization effects on forage characteristics, N fixation, and N₂O emissions of bahiagrass pastures. *Crop Sci.* 63:2594–2607. <http://doi.org/10.1002/csc2.20981>
19. Harling, J.F., Jr.* , E.F. Rios, C.H. de Souza, L.E. Sollenberger, J.C.B. Dubeux, Jr., and M.O. Wallau. 2023. Defoliation management affects performance of alfalfa-bermudagrass mixtures in the southeastern USA. *Agron. J.* 115:1776–1786. <https://doi.org/10.1002/agj2.21296>
20. Hayes, H.A.* , M.O. Wallau, N. Caram, L.E. Sollenberger, K.E. Kenworthy, and E. van Santen. 2023. Evaluation of early-stage tetraploid bahiagrass breeders’ lines under grazing. *Crop Sci.* 63:1646–1658. <https://doi.org/10.1002/csc2.20930>
21. Jaramillo, D.M.†, M. Ruiz-Moreno, J.M.B. Vendramini, L.E. Sollenberger, N. DiLorenzo, L.M.D. Queiroz, E.R.S. Santos, L. Garcia, D.S. Abreu, and J.C.B. Dubeux, Jr. 2023. Methane emissions and ¹³C composition from beef steers consuming binary C₃-C₄ diets. *J. Anim. Sci.* 101:skad181. <https://doi.org/10.1093/jas/skad181>
22. Rouquette, Jr., F.M., L.E. Sollenberger, and J.M.B. Vendramini. 2023. Grazing management and stocking strategy decisions for pasture-based beef systems: Experimental

- confirmation vs testimonials and perceptions. *Transl. Anim. Sci.* 7:txad069. <https://doi.org/10.1093/tas/txad069>
23. Santos, E.R.S.[†], J.C.B. Dubeux, Jr., L.E. Sollenberger, C. Mackowiak, C.C. Vela Garcia, G.M. da Silva, M.C.B. Siqueira, D.M. Jaramillo, F. van Cleef, L. Zagato, D.S. Abreu, and N. Dilorenzo. 2023. Grazing intensity effects on sward responses of UF Riata bahiagrass. *Crop Sci.* 63:3122–3135. <http://doi.org/10.1002/csc2.21069>
 24. Santos, E.R.S.[†], J.C.B. Dubeux, Jr., C. Mackowiak, L.E. Sollenberger, G.D. Farias, G. Rossizoo, D. Jaramillo, L. Zagato, L.M.D. Queiroz, D.L. Wright, N. DiLorenzo, and M. Ruiz Moreno. 2023. Above and belowground litter decomposition of cover crops grazed at different intensities. *Grass Forage Sci.* 78:376–389. <http://doi.org/10.1111/gfs.12617>
 25. Thomas, K.M.[†], A.R. Blount, G.W. Knox, C. Mackowiak, and L.E. Sollenberger. 2023. Ornamental rhizoma peanut: Perceptions and use by Florida consumers. *HortScience* 58:1178-1182. <http://doi.org/10.21273/HORTSCI17254-23>
 26. Vieira-Filho, L.P.[†], M.L. Silveira, M.M. Kohmann, C.A.R. Sales, L.E. Sollenberger, J.H. Bhadha, S. Strauss, and P. Moriel. 2023. Water table effect on phosphorus solubility in biosolids-amended soils. *Soil Sci. Soc. Amer. J.* 87:1191–1206. <https://doi.org/10.1002/saj2.20568>
 27. de Paula, H.V.G., J.M.B. Vendramini, L.E. Sollenberger, P. Moriel, H.M. da Silva, J. Garzon, H.M.R. de Oliveira, I.M. Ferreira, and A.C. dos Santos. 2022. Herbage accumulation, nutritive value, and persistence of new warm-season perennial grasses. *Crop, Forage, and Turfgrass Sci.* 8:e20168. <https://doi.org/10.1002/cft2.20168>
 28. Harling, J.F., Jr.* , L.E. Sollenberger, E.F. Rios, J.C.B. Dubeux, Jr., and M.O. Wallau. 2022. Managing bermudagrass competition to overseeded alfalfa. *Agrosyst. Geosci. Environ.*, 5:e20279. <https://doi.org/10.1002/agg2.20279>
 29. Jaramillo, D.M.[†], J.C.B. Dubeux, Jr., M. Ruiz-Moreno, N. DiLorenzo, J.M.B. Vendramini, L.E. Sollenberger, C.L. Mackowiak, L.M.D. Queiroz, L. Garcia, and E.R.S. Santos. 2022. Stable isotopes of C and N differ in their ability to reconstruct diets of cattle fed C3-C4 forage diets. *Scientific Reports* 12:17138. <https://doi.org/10.1038/s41598-022-21051-4>
 30. Kohmann, M.M., M.O. Bauer, L.E. Sollenberger, L.S.B. Moreno, L.S. da Silva, S. Saraiva, and J.C.B. Dubeux Jr. 2022. Legume proportion affects bahiagrass-rhizoma peanut mixture performance and legume composition of cattle diets. *Applied Animal Science* 38:560-569. <https://doi.org/10.15232/aas.2022-02297>
 31. Lara, M.A.S., V.J. Silva, C.G.S. Pedreira, and L.E. Sollenberger. 2022. Regrowth of brachiariagrasses as related to stubble characteristics under N fertilization and irrigation. *Crop Sci.* 62:2557–2567. <https://doi.org/10.1002/csc2.20831>

32. Moreno, L.S.B.* , K.J. Boote, L.E. Sollenberger, J.C.B. Dubeux, Jr., M.M. Kohmann, and D.N.L. Pequeno. 2022. Shade and nitrogen fertilization affect forage accumulation and nutritive value of C4 grasses differing in growth habit. *Crop Sci.* 62:512–523. <https://doi.org/10.1002/csc2.20617>
33. Santos, E.R.S.† , J.C.B. Dubeux, Jr., L.E. Sollenberger, C. Mackowiak, D.L. Wright, N. DiLorenzo, M.C.B. Siquera, C.C. Vela Garcia, L.M.D. Queiroz, F. van Cleef, L. Garcia, and M. Ruiz-Moreno. 2022. Grazing management effects on cover crop responses and cotton lint yield. *Crop Sci.* 62:2523–2536. <https://doi.org/10.1002/csc2.20766>
34. Santos, E.R.S.† , J.C.B. Dubeux Jr., L.E. Sollenberger, M.C. Siqueira, F. van Cleef, D.M. Jaramillo, L. Zagato, L.M.D. Queiroz, C.C.V. Garcia, and M. Ruiz-Moreno. 2022. Composition and decomposition of rhizoma peanut (*Arachis glabrata* Benth.) belowground biomass. *Scientific Reports*, 12:9967. <https://doi.org/10.1038/s41598-022-14001-7>
35. Shepard, E.M.* , L.E. Sollenberger, M.M. Kohmann, L.S. da Silva, J.F. Harling, Jr., J.C.B. Dubeux, Jr., and J.M.B. Vendramini. 2022. Establishing rhizoma peanut-bahiagrass mixtures. *Agrosyst. Geosci. Environ.*, 5, e20285. <https://doi.org/10.1002/agg2.20285>
36. Silva, L.S.* , L.E. Sollenberger, M.K. Mullenix, M.M. Kohmann, J.C.B. Dubeux Jr., and M.L. Silveira. 2022. Soil carbon and nitrogen accumulation in year-round nitrogen-fertilized grass and legume-grass forage systems. *Nutr. Cycl. Agroecosystems* 122:105–117. <https://link.springer.com/article/10.1007/s10705-021-10188-9>
37. Sollenberger, L.E., and J.C.B. Dubeux, Jr. 2022. Warm-climate, legume-grass forage mixtures versus grass-only swards: An ecosystem services comparison. *Revista Brasileira de Zootecnia* 51:e20210198. <https://doi.org/10.37496/rbz5120210198>
38. van Cleef, F.O.S.† , J.C.B. Dubeux, Jr., F.M. Ciriaco, D.D. Henry, M. Ruiz-Moreno, D.M. Jaramillo, L. Garcia, E.R.S. Santos, N. DiLorenzo, J.M.B. Vendramini, H.D. Naumann, and L.E. Sollenberger. 2022. Inclusion of a tannin-rich legume in the diet of beef steers reduces greenhouse gas emissions from their excreta. *Scientific Reports* 12:14220. <https://doi.org/10.1038/s41598-022-18523-y>
39. van Cleef, F.O.S.† , J.C.B. Dubeux Jr., C. Wheeler, C.C.V. García, M. Ruiz-Moreno, L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, and H.D. Naumann. 2022. Stable isotopes provide evidence that condensed tannins from sericea lespedeza are degraded by ruminal microbes. *Scientific Reports* 12:14318. <https://doi.org/10.1038/s41598-022-18566-1>
40. Aryal, P.* , and L.E. Sollenberger. 2021. Growth temperature and rhizome propagule characteristics affect rhizoma peanut shoot emergence and biomass partitioning. *Agron. J.* 113:335–344. <https://doi.org/10.1002/agi2.20486>

41. Aryal, P.* , L.E. Sollenberger, M.M. Kohmann, L.S. da Silva, K.D. Cooley, and J.C.B. Dubeux, Jr. 2021. Plant growth habit and nitrogen fertilizer effects on rhizoma peanut biomass partitioning during establishment. *Grass and Forage Sci.* 76:485–493. <http://dx.doi.org/10.1111/gfs.12519>
42. Barbosa, P.L.* , V.J. Silva, A.F. Sbrissia, L.E. Sollenberger, and C.G.S. Pedreira. 2021. Herbage accumulation and tillering dynamics of 'Zuri' guineagrass under rotational stocking. *Crop Sci.* 61:3787–3798. <https://doi.org/10.1002/csc2.20536>
43. Garcia-Jimenez, L.* , J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, N. Dilorenzo, E.R.S. Santos, D.M. Jaramillo, and M. Ruiz Moreno. 2021. Nutrient excretion from cattle grazing N-fertilized grass or grass-legume pastures. *Agron. J.* 113:3110-3123. <https://doi.org/10.1002/agj2.20675>
44. Jaramillo, D.† , J.C.B. Dubeux, Jr., L.E. Sollenberger, C. Mackowiak, J.M.B. Vendramini, N. Dilorenzo, L.M. Dantas Queiroz, E.R.S. Santos, L. Garcia, M. Ruiz-Moreno, and E. van Santen. 2021a. Litter mass, deposition rate, and decomposition in N-fertilized or grass-legume mixed grazing systems. *Crop Sci.* 61:2176–2189. <https://doi.org/10.1002/csc2.20475>
45. Jaramillo, D.M.† , J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, C.L. Mackowiak, N. DiLorenzo, L. Garcia, L.M.D. Queiroz, E.R.S. Santos, B.G.C. Homem, F. van Cleef, and M. Ruiz-Moreno. 2021b. Water footprint, herbage, and livestock responses for N-fertilized grass and grass-legume grazing systems. *Crop Sci.* 61:3844–3858. <http://doi.org/10.1002/csc2.20568>
46. Lara, M., V.J. Silva, L.E. Sollenberger, and C.G.S. Pedreira. 2021. Seasonal herbage accumulation and canopy characteristics of novel and standard brachiariagrasses under N fertilization and irrigation in southeastern Brazil. *Crop Sci.* 61:1468-1477. <https://doi.org/10.1002/csc2.20353>.
47. Nascimento, H.L.B., B.C. Pedreira, L.E. Sollenberger, D.H. Pereira, C.A. de S. Magalhães, and F.H.M. Chizzottie. 2021. Herbage accumulation, canopy structure and tiller morphology of Marandu palisadegrass growing in monoculture and in silvopasture. *Agroforestry Syst.* 95:339-352. <https://doi.org/10.1007/s10457-020-00590-7>
48. Santos, E.R.S.† , J.C.B. Dubeux, Jr., C.L. Mackowiak, A.R. Blount, L.E. Sollenberger, D.B. Jaramillo, L. Garcia, D.S. Abreu, R.T. Souza, and M. Ruiz-Moreno. 2021. Herbage responses and nitrogen agronomic efficiency of bermudagrass-legume mixtures. *Crop Sci.* 61:3815–3829. <https://doi.org/10.1002/csc2.20552>
49. Silva, L.S.* , L.E. Sollenberger, M.M. Kohmann, J.C.B. Dubeux, Jr., P. Aryal, M.L. Silveira, and J.M.B. Vendramini. 2021. Litter mass and nitrogen disappearance in year-round nitrogen-fertilized grass and legume–grass forage systems. *Agron. J.* 113:5170–5182. <https://doi.org/10.1002/agj2.20826>

50. Wilson, C.H.[†], J.M.B. Vendramini, L.E. Sollenberger, and S.L. Flory. 2021. Root production in a subtropical pasture is mediated by cultivar and defoliation severity. *Trop. Grassl.-Forrajes Tropicales* 9:144–158. [https://doi.org/10.17138/tgft\(9\)144-158](https://doi.org/10.17138/tgft(9)144-158)
51. Aryal, P.* , L.E. Sollenberger, M.M. Kohmann, L.S. da Silva, E.M. Shepard, K.D. Cooley, D.L. Rowland, and J.C.B. Dubeux, Jr. 2020. Rhizoma peanut genotype and planting date affect biomass allocation patterns and establishment performance. *Crop Sci.* 60:1690–1701. <https://dx.doi.org/10.1002/csc2.20142>
52. Cooley, K.D.* , L.E. Sollenberger, M.M. Kohmann, A.S. Blount, J.C.B. Dubeux, Jr., M.L. Silveira, L.S. da Silva, and P. Aryal. 2020. Rhizoma peanut herbage and root-rhizome responses to extended regrowth periods. *Crop Sci.* 60:2802–2813. <https://dx.doi.org/10.1002/csc2.20236>
53. Gouvêa, V.N., J.M.B. Vendramini, L.E. Sollenberger, F. Leite de Oliveira, J.C.B. Dubeux, Jr., U. Cecato, C. V. Soares Filho, J.M.D. Sanchez, J.K. Yarborough, and F. Kuhawara. 2020. Inoculant effects on fermentation characteristics, nutritive value and mycotoxin concentrations of bermudagrass silage. *Crop, Forage, Turfgrass Sci.* 6:e20054. <https://doi.org/10.1002/cft2.20054>
54. Nair, V.D., L.E. Sollenberger, W.G. Harris, A.N. Sharpley, A.M. Freitas, J.C.B. Dubeux, Jr., and A.N. Rodriguez. 2020. Mining of soil legacy phosphorus without jeopardizing crop yield. *Agrosyst. Geosci. Environ.* 3:e20056. <https://dx.doi.org/10.1002/agg2.20056>.
55. Reyes-Cabrera, J., J.E. Erickson, R.G. Leon, D.G. Quadros, M.L. Silveira, and L.E. Sollenberger. 2020. Bahiagrass pasture and elephantgrass bioenergy cropping systems differ in root traits. *Agron J.* 112:4810–4821. <https://doi.org/10.1002/agg2.20382>
56. Santos, R.D., A.L. Neves, L.G. Pereira, L.E. Sollenberger, E. Muniz, A. Sobral, E.Y. Souza, N. Costa, and L. Gonçalves. 2020. Performance, agronomic traits, ensilability and nutritive value of a pearl millet cultivar harvested at different growth stages. *J. Agric. Sci.* 158:225-232. <https://doi.org/10.1017/S0021859620000222>
57. Silva, F.S., L.F. Domiciano, F. Gomes, Jr., L.E. Sollenberger, C.G.S. Pedreira, D.H. Pereira, and B. Pedreira. 2020. Herbage accumulation, nutritive value and beef cattle production on Marandu palisadegrass pasture in integrated systems. *Agroforestry Syst.* 94:1891–1902. <https://doi.org/10.1007/s10457-020-00508-3>.
58. Silva, L.S. V.J. Silva, J.I. Yasuoka, L.E. Sollenberger, and C.G.S. Pedreira. 2020. Tillering dynamics of 'Mulato II' brachiariagrass under continuous stocking. *Crop Sci.* 60:1105–1112. <https://doi.org/10.1002/csc2.20008>.
59. Silveira, M.L., C.B. Brandani, M.M. Kohmann, J. Erickson, J. Reyes-Cabrera, R. Leon, L.E. Sollenberger, V. Piotto, D. Quadros, and S. Mello. 2020. Short-term effects of converting perennial pastures to bioenergy cropping on soil C and N dynamics in a

- Florida Ultisol. Soil Sci. Soc. Amer. J. 84:1233–1246.
<https://dx.doi.org/10.1002/saj2.20081>
60. Tesk, C.R.M., J. Cavalli, D.S. Pina, D.H. Pereira, C.G.S. Pedreira, L. Jank, L.E. Sollenberger, and B.C. Pedreira. 2020. Herbage responses of Tamani and Quênia guineagrasses to grazing intensity. *Agron. J.* 112:2081-2091.
<https://dx.doi.org/10.1002/agj2.20189>.
 61. Tesk, C.R.M., J.G. Abreu, D.H. Pereira, L.E. Sollenberger, F. de P. Matta, and B.C. Pedreira. 2020. Herbage accumulation, canopy characteristics and nutritive value of tropical grasses in the Amazon Biome. *Crop Sci.* 60:2782–2791.
<https://dx.doi.org/10.1002/csc2.20202>.
 62. Wallau, M.O., L.E. Sollenberger, J.M.B. Vendramini, E. van Santen, A.D. Aguiar, and O.F.R. Cunha. 2020. In-situ dry matter and crude protein disappearance dynamics in stockpiled limpgrass. *Crop Sci.* 60:2159–2166. <https://doi.org/10.1002/csc2.20144>.
 63. Carvalho, P., L.F. Domiciano, M.A. Mombach, H.L.B. Nascimento, L. da Silva Cabral, L.E. Sollenberger, D.H. Pereira, and B.C. Pedreira. 2019. Forage and animal production on palisadegrass pastures growing in monoculture or as a component of integrated crop-livestock-forestry systems. *Grass Forage Sci.* 74:650–660. doi.org/10.1111/gfs.12448.
 64. Cooley, K.D.*, L.E. Sollenberger, A.R. Blount, L.S. da Silva, M.M. Kohmann, P. Aryal, J.C.B. Dubeux Jr., and M.L. Silveira. 2019. A modified ingrowth core to measure root-rhizome accumulation of perennial forage species. *Agron. J.* 111:3393-3397.
[doi:10.2134/agronj2019.01.0051](https://doi.org/10.2134/agronj2019.01.0051).
 65. Kohmann, M.M.*, L.E. Sollenberger, J.C.B. Dubeux, Jr., M.L. Silveira, L.S.B. Moreno. 2019. Legume proportion in grassland litter affects decomposition dynamics and nutrient mineralization. *Agron. J.* 111:1079-1089. [doi:10.2134/agronj2018.09.0603](https://doi.org/10.2134/agronj2018.09.0603).
 66. Liang, Xi†, J.E. Erickson, M.L. Silveira, L.E. Sollenberger, D.L. Rowland, and W. Vermerris. 2019. Quantifying shoot and root biomass production and soil carbon under perennial bioenergy grasses in a subtropical environment. *Biomass Bioenergy* 128:105323. <https://doi.org/10.1016/j.biombioe.2019.105323>.
 67. Nascimento, H.L.B., B.C. Pedreira, L.E. Sollenberger, D.H. Pereira, C.A. de S. Magalhães, and F.H.M. Chizzottie. 2019. Physiological characteristics and forage accumulation of grazed Marandu palisadegrass (*Brachiaria brizantha*) growing in monoculture and in silvopasture with *Eucalyptus urograndis*. *Crop Pasture Sci.* 70:384–394. doi.org/10.1071/CP18403.
 68. Paraiso, I.G.N., D.S.M. Silva, A.P.S. Carvalho, L.E. Sollenberger, D.H. Pereira, V.P.B. Euclides, and B.C. Pedreira. 2019. Herbage accumulation, nutritive value, and organic reserves of continuously stocked Ipyporã and Mulato II brachiariagrasses. *Crop Sci.* 59:2903-2914. [doi:10.2135/cropsci2019.06.0399](https://doi.org/10.2135/cropsci2019.06.0399).

69. Reyes-Cabrera, J., J.E. Erickson, R.G. Leon, M.L. Silveira, and L.E. Sollenberger. 2019. Amending marginal sandy soils with biochar and lignocellulosic fermentation residual sustains fertility in elephantgrass bioenergy cropping systems. *Nutrient Cycl. Agroecosyst.* 115:69–83. <https://doi.org/10.1007/s10705-019-10011-6>.
70. Sanchez, J.M.D.*, J.M.B. Vendramini, M.L. Silveira, L.E. Sollenberger, J.C.B. Dubeux Jr., P. Moriel, B. Sellers, J.K. Yarborough, and F.C. Leite de Oliveira. 2019. Seeding strategies of bahiagrass and pinto peanut affect pasture establishment under weed competition. *Grass Forage Sci.* 74:381–388. doi.org/10.1111/gfs.12413.
71. Santos, E.R.S., J.C.B. Dubeux, Jr., R.C. Menezes, C.L. Mackowiak, L.E. Sollenberger, M. Ruiz-Moreno, D.M. Jaramillo, L. Garcia, and L.M.D. Queiroz. 2019. Particulate soil organic matter in bahiagrass-rhizoma peanut mixtures and their monocultures. *Soil Sci. Soc. Amer. J.* 83:658-665. [doi:10.2136/sssaj2018.11.0445](https://doi.org/10.2136/sssaj2018.11.0445).
72. Schmitt, D., D.A. Padilha, C. Medeiros-Neto, H.M.N. Ribeiro Filho, L.E. Sollenberger, and A.F. Sbrissia. 2019. Herbage intake by cattle in kikuyugrass pastures under intermittent stocking method. *Revista Ciência Agronômica* 50:493-501. DOI: 10.5935/1806-6690.20190058.
73. Silva, V.J., A.F.G. Faria, D.N.L. Pequeno, L.S. Silva, L.E. Sollenberger, and C.G.S. Pedreira. 2019. Growth analysis of brachiariagrasses and Tifton 85 bermudagrass as affected by harvest interval. *Crop Sci.* 59:1808-1814. [doi:10.2135/cropsci2019.01.0030](https://doi.org/10.2135/cropsci2019.01.0030).
74. Sollenberger, L.E., M.M. Kohmann, J.C.B. Dubeux, Jr., and M.L. Silveira. 2019. Grassland management affects delivery of regulating and supporting ecosystem services. *Crop Sci.* 59:441–459. [doi:10.2135/cropsci2018.09.0594](https://doi.org/10.2135/cropsci2018.09.0594).
75. Vendramini, J.M.B., L.E. Sollenberger, F.C. Leite de Oliveira, V.R. Herling, V.C. Gomes, J.M.D. Sanchez, and J.K. Yarborough. 2019. Herbage characteristics of continuously stocked limpograss cultivars under stockpiling management. *Crop Sci.* 59:2886-2892. [https://doi:10.2135/cropsci2019.05.0299](https://doi.org/10.2135/cropsci2019.05.0299)
76. Carmo, M., L.E. Sollenberger, M. Carriquiry, and P. Soca. 2018. Controlling herbage allowance and selection of cow genotype improves cow-calf productivity in Campos grasslands. *Prof. Anim. Sci.* 34:32–41.
77. Jaramillo, D.M.†, J.C.B. Dubeux, C. Mackowiak, L.E. Sollenberger, N. Dilorenzo, D.L. Rowland, A.R. Blount, E.R.S. Santos, L. Garcia, and M. Ruiz-Moreno. 2018. Annual and perennial peanut mixed with ‘Pensacola’ bahiagrass in north Florida. *Crop Sci.* 58:982–992.
78. Jaramillo, D.M.†, J.C.B. Dubeux, Jr., C. Mackowiak, L.E. Sollenberger, E.R.S. Santos, L. Garcia, M. Ruiz-Moreno, C. Silva, and N. DiLorenzo. 2018. Annual and perennial

Arachis species as alternatives to nitrogen fertilizer in bermudagrass hay production systems. *Agron. J.* 110:2390-2399.

79. Kohmann, M.M.*, L.E. Sollenberger, J.C.B. Dubeux, Jr., M.L. Silveira, L.S.B. Moreno, L.S. da Silva, and P. Aryal. 2018. Nitrogen fertilization and proportion of legume affect litter decomposition and nutrient return in grass pastures. *Crop Sci.* 58:2138-2148.
80. Liang, X.[†], J.E. Erickson, L.E. Sollenberger, D.L. Rowland, M.L. Silveira, and W. Vermerris. 2018. Growth and transpiration responses of elephantgrass and energycane to soil drying. *Crop Sci.* 58:354-363.
81. Lopez, Y., A. Kurashev, C. Chase, M. Gallo, L.E. Sollenberger, F. Altpeter, and J. Wang. 2018. Developing and validating microsatellite markers in elephant grass (*Pennisetum purpureum* S.). *Euphytica* 214:185-197. doi.org/10.1007/s10681-018-2256-6.
82. Quesenberry, K.H., L.E. Sollenberger, J.M.B. Vendramini, M.O. Wallau, A.R. Blount, and C.A. Acuna. 2018. Registration of Kenhy and Gibtuck limpograss hybrids. *J. Plt. Reg.* 12:19–24.
83. Rolando, J.L.[†], J.C.B. Dubeux Jr., D.A. Ramirez, M. Ruiz-Moreno, C. Turin, V. Mares, L.E. Sollenberger, and R. Quiroz. 2018. Land use effects on soil fertility and nutrient cycling in the Peruvian high-Andean Puna grasslands. *Soil Sci. Soc. Am. J.* 82:463–474.
84. Sanchez, J.M.D.*, J.M.B. Vendramini, M.L. Silveira, L.E. Sollenberger, J.C.B. Dubeux, Jr. P. Moriel, F. Kuhawara, U. Cecato, J.K. Yarborough, F. Soares, V. Cecilio, and F.C. Leite de Oliveira. 2018. Genotype and regrowth interval effects on in situ disappearance of rhizoma peanut. *Crop Sci.* 58:2174-2181.
85. Sanchez, J.M.D.*, J.M.B. Vendramini, L.E. Sollenberger, M.L. Silveira, J.C.B. Dubeux, Jr., P. Moriel, F.A. Kuwahara, U. Cecato, J.K. Yarborough, C.V. Soares Filho, and F.C. Leite de Oliveira. 2018. Forage characteristics of bermudagrass pastures overseeded with pintoi peanut and grazed at different sward heights. *Crop Sci.* 58:1808-1816.
86. Santos, E.R.[†], J.C.B. Dubeux, Jr., C. Mackowiak, A.R. Blount, L.E. Sollenberger, N. Dilorenzo, D.M. Jaramillo, L. Garcia, N. Pereira, and J. Diogenes. 2018. Root-rhizome mass and chemical composition of bahiagrass and rhizome peanut monocultures compared with their binary mixtures. *Crop Sci.* 58:955–963.
87. Santos, E.R.[†], J.C.B. Dubeux, Jr., L.E. Sollenberger, A.R. Blount, C. Mackowiak, N. Dilorenzo, D.M. Jaramillo, L. Garcia, T.P. Pereira, and M. Ruiz-Moreno. 2018. Herbage responses and biological N₂ fixation of bahiagrass and rhizoma peanut monocultures compared with their binary mixtures. *Crop Sci.* 58:2149–2163.
88. Santos, R.D.*, A.L. Neves, D. Santos, L.G. Pereira, L. Gonçalves, A. Ferreira, C.T. Costa, G. Araújo, C. Scherer, and L.E. Sollenberger. 2018. Divergence in nutritive value and

- fermentation kinetics of spineless cactus genotypes selected for insect resistance. *J. Agric. Sci. (Cambridge)* 156:450-456.
89. Shepard, E.M.*, L.E. Sollenberger, M.M. Kohmann, L.S. da Silva, J.C.B. Dubeux, and J.M.B. Vendramini. 2018. Phenotypic plasticity and other forage responses to grazing management of Ecoturf rhizoma peanut. *Crop Sci.* 58:2164-2173.
 90. Xu, S.[†], M.L. Silveira, L.E. Sollenberger, P. Viegas, J.J.J. Lacerda, M. Azenha. 2018. Conversion of native rangelands into cultivated pasturelands in subtropical ecosystems - Impacts on aggregate-associated carbon and nitrogen. *J. Soil Water Conserv.* 73:156-163.
 91. Dubeux, J.C.B., Jr., J.P. Muir, V.X. de O. Apolinario, P.K.R. Nair, M. de A. Lira, and L.E. Sollenberger. 2017. Tree legumes: an underexploited resource in warm-climate silvopastures. *Revista Brasileira de Zootecnia* 46:689-703.
 92. Dubeux, J.C.B., Jr., L.E. Sollenberger, J.P. Muir, L.O. Tedeschi, M.V.F. dos Santos, M.V. da Cunha, A.C.L. de Mello, and N. DiLorenzo. 2017. Sustainable intensification of livestock production on pastures. *Archivos Latinoamericanos de Producción Animal.* 25:97-111.
 93. Kohmann, M.M.*, L.E. Sollenberger, J.M.B. Vendramini, M.L. Silveira, and L.S.B. Moreno. 2017. Harvest stubble height and K fertilization affect performance of Jiggs and ‘Tifton 85’ bermudagrasses. *Crop Sci.* 57:3352–3359.
 94. Liang, X.[†], J.E. Erickson, W. Vermerris, D.L. Rowland, L.E. Sollenberger, and M.L. Silveira. 2017. Root architecture of sorghum genotypes differing in root angle under different water regimes. *J. Crop Improvement* 31:39–55.
 95. Liu, K.*, L.E. Sollenberger, M.L. Silveira, J.M.B. Vendramini, and Y.C. Newman. 2017. Nutrient pools in bermudagrass swards fertilized at different nitrogen levels. *Crop Sci.* 57:525-533.
 96. Pedreira, C.G.S., V.J. da Silva, B.C. e Pedreira, and L.E. Sollenberger. 2017. Herbage accumulation dynamics and organic reserves of Xaraés palisadegrass in response to grazing management based on canopy targets. *Crop Sci.* 57:2283–2293.
 97. Reyes-Cabrera, J., J.E. Erickson, R.G. Leon, M.L. Silveira, D.L. Rowland, L.E. Sollenberger, and K.T. Morgan. 2017. Converting bahiagrass pasture land to elephantgrass bioenergy production enhances biomass yield and water quality. *Agric. Ecosyst. Environ.* 248:20-28.
 98. Santos, R.D.*, K.J. Boote, L.E. Sollenberger, A.L.A. Neves, L.G.R. Pereira, C.B. Scherer, and L.C. Gonçalves. 2017. Simulated optimum sowing date for forage pearl millet cultivars in multilocation trials in Brazilian semi-arid region. *Frontiers Pl. Sci.* doi: 10.3389/fpls.2017.02074.

99. Weinberg, Z.G.*, R. Fethiere, A.T. Adesogan, and L.E. Sollenberger. 2017. Tensile strength of warm and cool season forage grasses in Florida. *J. Texture Studies* 48:382-385.
100. Xu, S.†, M.L. Silveira, K. Inglett, L.E. Sollenberger, and S. Gerber. 2017. Soil microbial community responses to long-term land use intensification in subtropical grazing lands. *Geoderma* 293:73–81.
101. Xu, S.†, M.L. Silveira, L.W. Ngatia, A.E. Normand, L.E. Sollenberger, and K.R. Reddy. 2017. Carbon and nitrogen pools in particle size fractions as affected by sieving method and land use intensification. *Geoderma* 305:70-79.
102. Yarborough, J.K.*, J.M.B. Vendramini, M.L. Silveira, L.E. Sollenberger, R.G. Leon, J.M.D. Sanchez, F. Leite de Oliveira, F. Kuhawara, V. Gomes, U. Cecato, and C. V. Soares Filho. 2017. Impact of potassium and nitrogen fertilization on bahiagrass herbage accumulation and nutrient concentration. *Agron. J.* 109:1099-1105.
103. Yarborough, J.K.*, J.M.B. Vendramini, M.L. Silveira, L.E. Sollenberger, R.G. Leon, B. Sellers, J.M.D. Sanchez, F. Leite de Oliveira, F. Kuhawara, V. Gomes, U. Cecato, and C. V. Soares Filho. 2017. Potassium and nitrogen fertilization effects on Jiggs bermudagrass herbage accumulation, root-rhizome mass, and tissue nutrient concentration. *Crop, Forage and Turfgrass Management*. doi:10.2134/cftm2017.04.0029.
104. Dari, B.†, V. Nair, W.G. Harris, P.K.R. Nair, L.E. Sollenberger, and R. Mylavarapu. 2016. Relative influence of soil- vs. biochar properties on soil phosphorus retention. *Geoderma* 280:82-87.
105. Krueger, N.C.*, L.E. Sollenberger, J.M.B. Vendramini, C. Na, M.K. Mullenix, A.D. Aguiar, and A.R. Blount. 2016. Blackberry regrowth and persistence responses to defoliation in mixed rhizoma peanut-grass swards. *Crop Sci.* 56:1349-1355.
106. Liang, X.†, J.E. Erickson, M.L. Silveira, L.E. Sollenberger, D.L. Rowland, and W. Vermerris. 2016. Tissue chemistry and morphology affect root decomposition of perennial bioenergy grasses on a sandy soil in a sub-tropical environment. *Global Change Biol. – Bioenergy* 8:1015-1024.
107. Mullenix, M.K.*, L.E. Sollenberger, M.O. Wallau, D.L. Rowland, A.R. Blount, J.M.B. Vendramini, and M.L. Silveira. 2016. Sward structure, light interception, and rhizome-root responses of rhizoma peanut cultivars and germplasm to grazing management. *Crop Sci.* 56:899-906.
108. Mullenix, M.K.*, L.E. Sollenberger, M.O. Wallau, A.R. Blount, J.M.B. Vendramini, and M.L. Silveira. 2016. Herbage accumulation, nutritive value, and persistence responses of rhizoma peanut cultivars and germplasm to grazing management. *Crop Sci.* 56:907-915.

109. Na, C.*, J.R. Fedenko, L.E. Sollenberger, and J.E. Erickson. 2016. Harvest management affects biomass composition responses of C4 perennial bioenergy grasses in the humid subtropical USA. *Global Change Biology – Bioenergy* 8:1150-1161. doi: 10.1111/gcbb.12319.
110. Na, C.*, L.E. Sollenberger, J.R. Fedenko, J.E. Erickson, and K.R. Woodard. 2016. Seasonal changes in chemical composition and leaf proportion of elephantgrass and energycane biomass. *Industrial Crops and Products* 94:107-116.
111. Pedreira, C.G.S.*, V.J. Silva, Y.C. Newman, and L.E. Sollenberger. Yearling cattle performance on continuously stocked 'Tifton 85' and 'Florakirk' bermudagrass pastures. 2016. *Crop Sci.* 56:3354-3360.
112. Santos, R.D.*, A.L.A. Neves, L.G.R. Pereira, L.E. Sollenberger, J.A.S. Rodrigues, J.N. Tabosa, R.S. Verneque, G.F. Oliveira, D.G. Jayme, and L.C. Gonçalves. 2016. Agronomic traits, ensilability, and nutritive value of five pearl millet cultivars in a Brazilian semi-arid region. *J. Agric. Sci. (Cambridge)* 154:165–173.
113. Silva, V.J.*, C.G.S. Pedreira, L.E. Sollenberger, M.S.S. Carvalho, F. Tonato, and D.C. Basto. 2016. Growth analysis of irrigated 'Tifton 85' and Jiggs bermudagrasses as affected by harvest management. *Crop Sci.* 56:882–890.
114. Silva, V.J.*, C.G.S. Pedreira, L.E. Sollenberger, L.S. Silva, J.I. Yasuoka, and I.C.L. Almeida. 2016. Canopy height and nitrogen affect herbage accumulation, nutritive value, and grazing efficiency of 'Mulato II' brachiariagrass. *Crop Sci.* 56:2054–2061.
115. Silva, V.J.*, C.G.S. Pedreira, L.E. Sollenberger, L.S. Silva, J.I. Yasuoka, and I.C.L. Almeida. 2016. Carbon assimilation, herbage plant-part accumulation, and organic reserves of grazed 'Mulato II' brachiariagrass pastures maintained at three canopy heights. *Crop Sci.* 2853-2860.
116. Vendramini, J.M.B., A.D. Aguiar, A.T. Adesogan, L.E. Sollenberger, E. Alves, L. Galzerano, P. Salvo, A.L. Valente, K.G. Arriola, Z.X. Ma, and F.C.L. Oliveira. 2016. Effects of genotype, wilting, and additives on the nutritive value and fermentation of bermudagrass silage. *J. Anim. Sci.* 94:3061-3071.
117. Wallau, M.O.*, L.E. Sollenberger, J.M.B. Vendramini, C.A.M. Gomide, M.K. Mullenix, and K.H. Quesenberry. 2016. Performance of limpograss breeding lines under various grazing management strategies. *Crop Sci.* 56:3345-3353.
118. Xu, S.†, M.L. Silveira, K.S. Inglett, L.E. Sollenberger, and S. Gerber. 2016. Effect of land-use conversion on ecosystem C stock and distribution in subtropical grazing lands. *Plant Soil* 399:233–245.

119. Adewopo, J.B.[†], M.L. Silveira, S. Xu, S. Gerber, L.E. Sollenberger, and T. Martin. 2015. Management intensification impacts on particle-size soil carbon fractions in subtropical grasslands: Evidence from ¹³C natural abundance. *Soil Sci. Soc. Amer. J.* 79:1198-1205.
120. Adewopo, J.B.[†], M.L. Silveira, S. Xu, S. Gerber, L.E. Sollenberger, and T. Martin. 2015. Management intensification effects on autotrophic and heterotrophic soil respiration in subtropical grasslands. *Ecological Indicators* 56:6–14.
121. Aguiar, A.D.* , J.M.B. Vendramini, J.D. Arthington, L.E. Sollenberger, N. DiLorenzo, and M.J. Hersom. 2015. Performance of beef cows and calves fed different sources of rumen-degradable protein when grazing stockpiled limpogross pastures. *J. Anim. Sci.* 93:1923–1932.
122. Aguiar, A.D.* , J. M.B. Vendramini, J. D. Arthington, L. E. Sollenberger, G. Caputti, J. M.D. Sanchez, O. F.R. Cunha, and W. L. da Silva. 2015. Limited creep-feeding supplementation effects on performance of beef cows and calves grazing limpogross pastures. *Livest. Sci.* 180:129-133.
123. Alava, E.I.[†], Y.C. Newman, L.E. Sollenberger, C.R. Staples, L.E. Ortega, M. Baseggio, E.N. Alava, and M. Garcia. 2015. Grazing management effects on Tifton 85 bermudagrass pasture characteristics and animal performance. *Agron. J.* 107:388-394.
124. Baseggio, M.[†], Y.C. Newman, L.E. Sollenberger, C. Fraisse, and T. Obreza. 2015. Planting rate and depth effects on Tifton 85 bermudagrass establishment using rhizomes. *Crop Sci.* 55:1338–1345.
125. Baseggio, M.[†], Y.C. Newman, L.E. Sollenberger, C. Fraisse, and T. Obreza. 2015. Stolon planting rate effects on Tifton 85 bermudagrass establishment. *Agron. J.* 107:1287–1294.
126. Castillo, M.S.* , L.E. Sollenberger, M.K. Mullenix, A.R. Blount, M.J. Williams, and C.L. Mackowiak. 2015. Grazing management affects establishment performance of rhizoma peanut strip-planted into bahiagrass pasture. *Crop Sci.* 55:2384-2389.
127. Gomide, C.A.M.* , C.S. Chaves, K.G. Ribeiro, L.E. Sollenberger, D.S.C. Paciullo, T.P. Pereira, and M.J.F. Morenza. 2015. Structural traits of elephantgrass genotypes under rotational stocking strategies. *African J. Range Forage Sci.* 32:51-57. doi.org/10.2989/10220119.2014.930929
128. Na, C.* , L.E. Sollenberger, J.E. Erickson, K.R. Woodard, J.M.B. Vendramini, and M.L. Silveira. 2015. Management of perennial warm-season bioenergy grasses. I. Biomass harvested, nutrient removal, and persistence responses of elephantgrass and energycane to harvest frequency and timing. *Bioenerg. Res.* 8:581-589. DOI 10.1007/s12155-014-9541-6.
129. Na, C.* , L.E. Sollenberger, J.E. Erickson, K.R. Woodard, M.S. Castillo, M.K. Mullenix, J.M.B. Vendramini, and M.L. Silveira. 2015. Management of perennial warm-season

bioenergy grasses. II. Seasonal differences in elephantgrass and energycane morphological characteristics affect responses to harvest frequency and timing. *Bioenerg. Res.* 8:618-626. DOI 10.1007/s12155-014-9542-5.

130. Pequeno, D.N.L., C.G.S. Pedreira, L.E. Sollenberger, A.F.G. de Faria, and L.S. Silva. 2015. Forage accumulation and nutritive value of brachiariagrasses and Tifton 85 bermudagrass as affected by harvest frequency and irrigation. *Agron. J.* 107:1741–1749.
131. Silva, V.J., C.G.S. Pedreira, L.E. Sollenberger, M.S.S. Carvalho, F. Tonato, and D.C. Basto. 2015. Seasonal herbage accumulation and nutritive value of irrigated ‘Tifton 85’, Jiggs, and Vaquero bermudagrasses in response to harvest frequency. *Crop Sci.* 55:2886–2894.
132. Singh, M.P., J.E. Erickson, L.E. Sollenberger, K.R. Woodard, J.M.B. Vendramini, and R.A. Gilbert. 2015. Mineral composition and removal of six perennial grasses grown for bioenergy. *Agron. J.* 107:466–474.
133. Sollenberger, L.E. 2015. Challenges, opportunities, and applications of grazing research. *Crop Sci.* 55:2540-2549.
134. Wallau, M.O.* , L.E. Sollenberger, J.M.B. Vendramini, M.K. Mullenix, K.H. Quesenberry, C.A.M. Gomide, V. Costa e Silva, and N. DiLorenzo. 2015. Herbage accumulation and nutritive value of limpograss breeding lines under stockpiling management. *Crop Sci.* 55:2377-2383.
135. Adewopo, J.B.† , M.L. Silveira, S. Xu, S. Gerber, L. E. Sollenberger, and T. Martin. 2014. Management intensification impacts on soil and ecosystem carbon stocks in subtropical grasslands. *Soil Sci. Soc. Am. J.* 78:977-986.
136. Aguiar, A.D.* , J.M.B. Vendramini, J.D. Arthington, L.E. Sollenberger, J.M.D. Sanchez, W.L. da Silva, A.L.S. Valente, and P. Salvo. 2014. Stocking rate effects on ‘Jiggs’ bermudagrass pastures grazed by heifers receiving supplementation. *Crop Sci.* 54:2872-2879.
137. Baseggio, M.† , Y.C. Newman, L.E. Sollenberger, C. Fraisse, and T. Obreza. 2014. Stolon type and soil burial effects on ‘Tifton 85’ bermudagrass establishment. *Crop Sci.* 54:2386-2393.
138. Castillo, M.S.* , L.E. Sollenberger, A.R. Blount, J.A. Ferrell, C. Na, M.J. Williams, and C.L. Mackowiak. 2014. Seedbed preparation techniques and weed control strategies for strip-planting rhizoma peanut into warm-season grass pastures. *Crop Sci.* 54:1868-1875.
139. Dubeux, J.C.B., Jr.* , L.E. Sollenberger, J.M.B. Vendramini, S.M. Interrante, and M.A. Lira, Jr. 2014. Stocking method, animal behavior, and soil nutrient redistribution: How are they linked? *Crop Sci.* 54:2341-2350.

140. Krueger, N.C.*, L.E. Sollenberger, A.R. Blount, J.M.B. Vendramini, N.L.S. Lemos, A.G. Costa, and A.T. Adesogan. 2014. Mixed grazing by cattle and goats for blackberry control in rhizoma peanut-grass pastures. *Crop Sci.* 54:2864-2871.
141. López, Y., K.R. Woodard, J.C. Seib, K. Chamusco, L.E. Sollenberger, M. Gallo, S.L. Flory, and C.D. Chase. 2014. Genetic diversity of biofuel and naturalized napiergrass (*Pennisetum purpureum*). *Invasive Plt. Sci. Man.* 7:229–236.
142. Mullenix, M.K.*, L.E. Sollenberger, A.R. Blount, J.M.B. Vendramini, M.L. Silveira, and M.S. Castillo. 2014. Growth habit of rhizoma peanut affects establishment and spread when strip-planted in bahiagrass pastures. *Crop Sci.* 54:2886-2892.
143. Na, C.*, L.E. Sollenberger, J.E. Erickson, K.R. Woodard, M.O. Wallau, and N.C. Krueger. 2014. Biomass yield and composition of perennial bioenergy grasses at harvests following a freeze event. *Agron. J.* 106:2255-2262.
144. Sollenberger, L.E., K.R. Woodard, J.M.B. Vendramini, J.E. Erickson, K.A. Langeland, M.K. Mullenix, C. Na, M.S. Castillo, M. Gallo, C.D. Chase, and Y. López. 2014. Invasive populations of elephantgrass differ in morphological and growth characteristics from clones selected for biomass production. *Bioenergy Res.* 7:1382–1391.
145. Vendramini, J.M.B., L.E. Sollenberger, A.B. Soares, W.L. da Silva, J.M.D. Sanchez, A.L. Valente, A.D. Aguiar, and M.K. Mullenix. 2014. Harvest frequency affects herbage accumulation and nutritive value of brachiariagrass hybrids in Florida. *Tropical Grasslands – Forrajes Tropicales* 2:197–206.
146. Wallau, M.W.*, L.E. Sollenberger, K.H. Quesenberry, J.M.B. Vendramini, and M.K. Mullenix. 2014. Evaluation of limpograss (*Hemarthria altissima*) breeding lines under different grazing management systems. *Tropical Grasslands – Forrajes Tropicales* 2:149-150.
147. Castillo, M.S.*, L.E. Sollenberger, A.R. Blount, J.A. Ferrell, M.J. Williams, and C.L. Mackowiak. 2013. Strip planting a legume into warm-season grass pasture: Defoliation effects during the year of establishment. *Crop Sci.* 53:724-731.
<https://doi.org/10.2135/cropsci2012.08.0485>
148. Castillo, M.S.*, L.E. Sollenberger, J.A. Ferrell, A.R. Blount, M.J. Williams, and C.L. Mackowiak. 2013. Strategies to control competition to strip-planted legume in a warm-season grass pasture. *Crop Sci.* 53:2255-2263.
<https://doi.org/10.2135/cropsci2012.11.0629>
149. Fedenko, J.R. †, J.E. Erickson, K.R. Woodard, L.E. Sollenberger, J.M.B. Vendramini, R.A. Gilbert, Z.R. Helsel, and G.F. Peter. 2013. Biomass production and composition of perennial grasses grown for bioenergy in a subtropical climate across Florida, USA. *Bioenerg. Res.* 6:1082-1093.

150. Foster, J.L.[†], J.N. Carter, G.C. Lamb, L.E. Sollenberger, A.R. Blount, R.O. Myer, M.K. Maddox, and A.T. Adesogan. 2013. Performance of beef cattle creep-fed concentrate or creep-grazed on warm-season legumes. *Crop Sci.* 53:1818-1825.
151. Silveira, M.L., J. Driscoll, C.P. Silveira, D.A. Graetz, L.E. Sollenberger, and J.M.B. Vendramini. 2013. Land application of aluminum water treatment residual to bahiagrass pastures: Soil and forage responses. *Agron. J.* 105:796-802.
152. Silveira, M.L., K. Liu, L.E. Sollenberger, R.F. Follett, and J.M.B. Vendramini. 2013. Short-term effects of grazing intensity and nitrogen fertilization on soil organic carbon pools under perennial grass pastures in the Southeastern USA. *Soil Biol. Biochem.* 58:42-49.
153. Silveira, M.L., J.M.B. Vendramini, X. Sui, L.E. Sollenberger, and G.A. O'Connor. 2013. Use of warm-season grasses managed as bioenergy crops for phytoremediation of P in P-enriched soils. *Agron. J.* 105:95-100.
154. Silveira, M.L., J.M.B. Vendramini, X. Sui, L.E. Sollenberger, and G.A. O'Connor. 2013. Screening perennial warm-season bioenergy crops as an alternative for phytoremediation of excess soil P. *BioEnergy Res.* 6:469-475.
155. Vendramini, J.M.B., J.D. Arthington, and L.E. Sollenberger. 2013. Effects of increasing rumen-undegradable protein supplementation levels on early weaned calves grazing stargrass. *Crop Sci.* 53:322-328.
156. Vendramini, J.M.B., L.E. Sollenberger, A.R. Blount, A.D. Aguiar, L. Galzerano, A.L. Valente, E. Alves, and L. Custodio. 2013. Bahiagrass cultivar response to grazing frequency with limited N fertilization. *Agron. J.* 105:938-944.
157. Vendramini, J.M.B., L.E. Sollenberger, G.C. Lamb, and M.L. Silveira. 2013. Herbage accumulation, nutritive value and persistence of Mulato II in Florida. *Tropical Grassland – Forrajes Tropicales* 1:123-124.
158. White-Leech, R.* , K. Liu, L.E. Sollenberger, K.R. Woodard, and S.M. Interrante. 2013. Excreta deposition on grassland. I. Forage harvested, nutritive value, and nitrogen recovery. *Crop Sci.* 53:688-695.
159. White-Leech, R.* , K. Liu, L.E. Sollenberger, K.R. Woodard, and S.M. Interrante. 2013. Excreta deposition on grassland. II. Spatial pattern and duration of forage responses. *Crop Sci.* 53:696-703.
160. Woodard, K.R.* , K. Liu, R. White-Leech, and L.E. Sollenberger. 2013. Leaching potential of phosphorus from cattle excreta patches in the Central Highlands of Florida. *J. Environ. Qual.* 42:872-880.

161. Erickson, J.E., A. Soikaew, L.E. Sollenberger, and J.M. Bennett. 2012. Water use and water-use efficiency of three perennial bioenergy grass crops in Florida. *Agriculture* 2:325-338.
162. Erickson, J.E., K.R. Woodard, and L.E. Sollenberger. 2012. Optimizing sweet sorghum production for biofuel in the southeastern USA through nitrogen fertilization and top removal. *Bioenergy Res.* 5:86-94.
163. Flory, S.L., K.A. Lorentz, D. Gordon, and L.E. Sollenberger. 2012. Experimental approaches for evaluating the invasion risk of biofuel crops. *Environmental Research Letters*. doi.org/10.1088/1748-9326/7/4/045904. 7 pages.
164. Singh, M.P., J.E. Erickson, L.E. Sollenberger, K.R. Woodard, J.M.B. Vendramini, and J.R. Fedenko. 2012. Mineral composition and biomass partitioning of sweet sorghum grown for biomass in the southeastern USA. *Biomass Bioenergy* 47:1-8.
165. Vendramini, J.M.B., L.E. Sollenberger, G.C. Lamb, J.L. Foster, K. Liu, and M. Maddox. 2012. Herbage accumulation, nutritive value, and persistence of 'Mulato II' brachiariagrass in northern Florida. *Crop Sci.* 52:914-922.
166. Alderman, P.D.*, K.J. Boote, and L.E. Sollenberger. 2011. Regrowth dynamics of Tifton 85 bermudagrass as affected by nitrogen fertilization. *Crop Sci.* 51:1716-1726.
167. Alderman, P.D.*, K.J. Boote, L.E. Sollenberger, and S.W. Coleman. 2011. Carbohydrate and nitrogen reserves relative to regrowth dynamics of Tifton 85 bermudagrass as affected by nitrogen fertilization. *Crop Sci.* 51:1727-1738.
168. Castillo, M.S.*, L.E. Sollenberger, J.M.B. Vendramini, K.R. Woodard, G.A. O'Connor, M.L. Silveira, and J.B. Sartain. 2011. Incorporation of municipal biosolids affects organic N mineralization and elephantgrass biomass production. *Agron. J.* 103:899-905.
169. Erickson, J.E., Z.R. Helsel, K.R. Woodard, J.M.B. Vendramini, Y. Wang, L.E. Sollenberger, and R.A. Gilbert. 2011. Planting date affects biomass and brix of sweet sorghum grown for biofuel across Florida. *Agron. J.* 103:1827-1833.
170. Foster, J.L. †, A.T. Adesogan, J.N. Carter, L.E. Sollenberger, A.R. Blount, R.O. Myer, M.K. Maddox, and S.C. Phatak. 2011. Nutritive value, fermentation characteristics, and in situ disappearance kinetics of ensiled legumes and bahiagrass. *J. Dairy Sci.* 94:2042-2050.
171. Liu, K.*, L.E. Sollenberger, Y.C. Newman, J.M.B. Vendramini, S.M. Interrante, and R. White-Leech. 2011. Grazing management effects on productivity, nutritive value, and persistence of 'Tifton 85' bermudagrass. *Crop Sci.* 51:353-360.
172. Liu, K.*, L.E. Sollenberger, M.L. Silveira, Y.C. Newman, and J.M.B. Vendramini. 2011. Grazing intensity and nitrogen fertilization affect litter responses in 'Tifton 85' bermudagrass pastures. I. Mass, deposition rate, and chemical composition. *Agron. J.* 103:156-162.

173. Liu, K.*, L.E. Sollenberger, M.L. Silveira, J.M.B. Vendramini, and Y.C. Newman. 2011. Grazing intensity and nitrogen fertilization affect litter responses in 'Tifton 85' bermudagrass pastures. II. Decomposition and nitrogen mineralization. *Agron. J.* 103:163-168.
174. Liu, K.*, L. E. Sollenberger, M.L. Silveira, J.M.B. Vendramini, and Y.C. Newman. 2011. Distribution of nutrients among soil-plant pools in 'Tifton 85' bermudagrass pastures grazed at different intensities. *Crop Sci.* 51:1800-1807.
175. Macoon, B.*, L.E. Sollenberger, C.R. Staples, K.M. Portier, J.H. Fike, and J.E. Moore. 2011. Grazing management and supplementation effects on forage and dairy cow performance on subtropical winter pastures. *J. Dairy Sci.* 94:3949-3959.
176. Mathews, B.W., J.R. Carpenter, L.E. Sollenberger, and W.M. Steiner. 2011. Macronutrients in Hawaii's coastal wetland pastures and potential phosphorus release to water. *Agron. J.* 103:830-843.
177. Obour, A.K. †, M.L. Silveira, J.M.B. Vendramini, J.W. Jawitz, G.A. O'Connor, and L.E. Sollenberger. 2011. A phosphorus budget for bahiagrass pastures growing on a typical Florida Spodosol. *Agron. J.* 103:611-616.
178. Obour, A.K. †, M.L. Silveira, J.M.B. Vendramini, L.E. Sollenberger, and G.A. O'Connor. 2011. Fluctuating water table effect on phosphorus release and availability from a Florida Spodosol. *Nutr. Cycl. Agroecosyst.* 91:207-217.
179. Obour, A.K. †, M.L. Silveira, J.M.B. Vendramini, L.E. Sollenberger, G.A. O'Connor, and J.W. Jawitz. 2011. Agronomic and environmental impacts of phosphorus fertilization of low input bahiagrass systems in Florida. *Nutr. Cycl. Agroecosyst.* 89:281-290.
180. Obour, A.K. †, J.M.B. Vendramini, M.L. Silveira, L.E. Sollenberger, G.A. O'Connor, and J.W. Jawitz. 2011. Phosphorus fertilization responses on bahiagrass pastures – Forage production and water quality. *Agron. J.* 103:324-330.
181. Pitta, C.S.R.*, A.B. Soares, T.S. Assmann, P.F. Adami, L.R. Sartor, F. Migliorini, L.E. Sollenberger, and A.L. Assmann. 2011. Dual-purpose wheat grain and animal production under different grazing periods. *Revista Pesquisa Agropecuária Brasileira* 46:1385-1391.
182. Silveira, M.L., A.K. Obour, J.D. Arthington, and L.E. Sollenberger. 2011. The cow-calf industry and water quality in South Florida, USA - A review. *Nutrient Cycling in Agroecosystems.* 89:439-452.
183. Silveira, M.L., A.K. Obour, J.M.B. Vendramini, and L.E. Sollenberger. 2011. Using tissue analysis as a tool to predict bahiagrass phosphorus fertilization requirement. *J. Plt. Nut.* 34:2193-2205.

184. Sollenberger, L.E., and E.S. Vanzant. 2011. Interrelationships among forage nutritive value and quantity and individual animal performance. *Crop Sci.* 51:420-432.
185. Vendramini, J.M.B., J.D. Arthington, L.E. Sollenberger, and T. Saraiva. 2011. Rumen undegradable protein effects on early weaned calves grazing annual ryegrass. *Crop Sci.* 51:381-386.
186. Woodard, K.R.*, and L.E. Sollenberger. 2011. Broiler litter vs. ammonium nitrate as nitrogen source for bermudagrass hay production: Yield, nutritive value, and nitrate leaching. *Crop Sci.* 51:1342-1352.
187. Castillo, M.S.*, L.E. Sollenberger, J.M.B. Vendramini, K.R. Woodard, J.T. Gilmour, G.A. O'Connor, Y.C. Newman, M.L. Silveira, and J.B. Sartain. 2010. Municipal biosolids as an alternative nutrient source for bioenergy crops: II. Decomposition and organic nitrogen mineralization. *Agron. J.* 102:1314-1320.
188. Castillo, M.S.*, L.E. Sollenberger, J.M.B. Vendramini, K.R. Woodard, G.A. O'Connor, Y.C. Newman, M.L. Silveira, and J.B. Sartain. 2010. Municipal biosolids as an alternative nutrient source for bioenergy crops: I. Elephantgrass biomass production and soil responses. *Agron. J.* 102:1308-1313.
189. Clavijo Michelangeli, J.A. †, Y.C. Newman, L.E. Sollenberger, C.R. Staples, L.E. Ortega, and M.C. Christman. 2010. Managing harvest of 'Tifton 85' bermudagrass for production and nutritive value. Online. *Forage and Grazinglands* doi:10.1094/FG-2010-0802-02-RS.
190. Interrante, S.M.*, L.E. Sollenberger, A.R.S. Blount, R. White-Leech, and K. Liu. 2010. Bahiagrass tiller dynamics in response to defoliation management. *Crop Sci.* 50:2124-2132.
191. Inyang, U.*, J.M.B. Vendramini, L.E. Sollenberger, B. Sellers, A. Adesogan, L. Paiva, and A. Lunpha. 2010. Effects of stocking rates on animal performance and herbage responses of mulato and bahiagrass pastures. *Crop Sci.* 50:1079-1085.
192. Inyang, U.*, J.M.B. Vendramini, L.E. Sollenberger, M.L.A. Silveira, B. Sellers, A. Adesogan, L. Paiva, and A. Lunpha. 2010. Harvest frequency and stubble height affects herbage accumulation, nutritive value, and persistence of 'Mulato II' grass. *Forage and Grazinglands* doi:10.1094/FG-2010-0923-01-RS.
193. Obour, A.K. †, M.L. Silveira, J.M.B. Vendramini, M.B. Adjei, and L.E. Sollenberger. 2010. Evaluating cattle manure application strategies on phosphorus and nitrogen losses from a Florida Spodosol. *Agron. J.* 102:1511-1521.
194. Silveira, M.L., J.M.B. Vendramini, and L.E. Sollenberger. 2010. Phosphorus management and water quality problems in grazingland ecosystems. *Int. J. Agron.* doi:10.1155/2010/517603.

195. Vendramini, J.M.B., A.T. Adesogan, M.L.A. Silveira, L.E. Sollenberger, O.C. Queiroz, and W.E. Anderson. 2010. Nutritive value and fermentation parameters of warm-season grass silage. *Prof. Anim. Sci.* 26:193-200.
196. Chikagwa-Malunga, S.K. †, A.T. Adesogan, L.E. Sollenberger, L.K. Badinga, N.J. Szabo, and R.C. Littell. 2009. Nutritional characterization of *Mucuna pruriens* 1. Effect of maturity on the nutritional quality of botanical fractions and the whole plant. *Anim. Feed Sci. Technol.* 148:34-50.
197. Chikagwa-Malunga, S.K. †, A.T. Adesogan, L.E. Sollenberger, S.C. Phatak, N.J. Szabo, S.C. Kim, C.M. Huisden, R.C. Littell. 2009. Nutritional characterization of *Mucuna pruriens*. 4. Does replacing soybean meal with *Mucuna pruriens* in lamb diets affect ruminal, blood and tissue L-dopa concentrations? *Anim. Feed Sci. Technol.* 148:124-137.
198. Dubeux, J.C.B., Jr.* , L.E. Sollenberger, L.A. Gaston, J.M.B. Vendramini*, S.M. Interrante*, and R.L. Stewart, Jr.* 2009. Animal behavior and soil nutrient redistribution in continuously stocked Pensacola bahiagrass pastures managed at different intensities. *Crop Sci.* 49:1503-1510.
199. Foster, J. †, A.T. Adesogan, J.C. Carter, L.E. Sollenberger, and A. Blount. 2009. Annual legumes to complement grass-based forage systems in the USA Gulf Coast region. *Agron. J.* 101:415-421.
200. Interrante, S.M.* , L.E. Sollenberger, A.R. Blount, S.W. Coleman, U.R. White*, and K. Liu*. 2009. Defoliation management of bahiagrass germplasm affects cover and persistence-related responses. *Agron. J.* 101:1381-1387.
201. Interrante, S.M.* , L.E. Sollenberger, A.R. Blount, U.R. White*, K. Liu*, and S.W. Coleman. 2009. Defoliation management of bahiagrass germplasm affects dry matter yield and herbage nutritive value. *Agron. J.* 101:989-995.
202. Mathews, B.W., J.R. Carpenter, and L.E. Sollenberger. 2009. In vitro digestibility and chemical composition of kikuyugrass as influenced by soil silicon, liming, and genotype. *Commun. Soil Sci. Plt. Anal.* 40:2855-2873.
203. Newman, Y.C.* , S. Agyin-Birikorang, M.B. Adjei, J.M. Scholberg, M.L. Silveira, J.M.B. Vendramini, J.E. Rechcigl, and L.E. Sollenberger. 2009. Nitrogen fertilization effect on phosphorus remediation potential of three perennial warm-season forages. *Agron. J.* 101:1243-1248.
204. Newman, Y.C.* , S. Agyin-Birikorang, M.B. Adjei, J.M. Scholberg, M.L. Silveira, J.M.B. Vendramini, J.E. Rechcigl, L.E. Sollenberger, and M. Chrysostome. 2009. Enhancing phosphorus phytoremediation potential of two warm-season perennial grasses with nitrogen fertilization. *Agron. J.* 101:1345-1351.

205. Nyambati, E.M.*, L.E. Sollenberger, M. Eilitta, and J.G. Mureithi. 2009. Residual effects of relay-cropped mucuna and lablab on maize and bean yields in northwest Kenya. *African J. Agric. Res.* 4:1189-1198.
206. Reis, R.A.*, Y.C. Newman, A. Hernandez-Garay, L.E. Sollenberger, L.M. Premazzi, and D. Urbano. 2009. Fall and winter management affect spring growth and nutritive value of Tifton 85 bermudagrass. Online. *Forage and Grazinglands* doi:10.1094/FG-2009-0102-01-RS.
207. Rouquette, F.M., Jr., L.A. Redmon, G.E. Aiken, G.M. Hill, L.E. Sollenberger, and J. Andrae. 2009. ASAS Centennial Paper: Future needs of research and extension in forage utilization. *J. Anim. Sci.* 87:438-446.
208. Krueger, N.A. †, A.T. Adesogan, C.R. Staples, W.K. Krueger, S.C. Kim, R.C. Littell, and L.E. Sollenberger. 2008. Effect of mode of applying fibrolytic enzymes or ammonia to bermudagrass hay on feed intake, digestion kinetics, and growth of beef steers. *J. Anim. Sci.* 86:882-889.
209. Sollenberger, L.E. 2008. Sustainable production systems for *Cynodon* species in the subtropics and tropics. *Braz. J. Anim. Sci.* 37:85-100.
210. Vendramini, J.M.B.* , L.E. Sollenberger, A.T. Adesogan, J.C.B. Dubeux, Jr., S.M. Interrante*, R.L. Stewart, Jr.* , and J.D. Arthington. 2008. Protein fractions of Tifton 85 and rye- ryegrass due to sward management practices. *Agron. J.* 100:463-469.
211. Vendramini, J.M.B.* , L.E. Sollenberger, J.C.B. Dubeux, Jr., S.M. Interrante, R.L. Stewart, Jr., and J.D. Arthington. 2008. Sward management effects on forage component responses in a production system for early weaned calves. *Agron. J.* 100:1781-1786.
212. Dubeux, J.C.B., Jr.* , L.E. Sollenberger, B.W. Mathews, J.M. Scholberg, and H.Q. Santos. 2007. Nutrient cycling in warm-climate grasslands. *Crop Sci.* 47:915-928.
<https://doi.org/10.2135/cropsci2006.09.0581>
213. Jank, L. †, K.H. Quesenberry, L.E. Sollenberger, D.S. Wofford, and P.M. Lyrene. 2007. Selection of morphological traits to improve forage characteristics of *Setaria sphacelata* grown in Florida. *New Zealand J. Agric. Res.* 50:73-83.
214. Stewart, R.L., Jr.* , L.E. Sollenberger, J.C.B. Dubeux, Jr., J.M.B. Vendramini, S.M. Interrante, and Y.C. Newman. 2007. Hbage and animal responses to management intensity of continuously stocked Pensacola bahiagrass pastures. *Agron. J.* 99:107-112.
215. Vendramini, J.M.B.* , L.E. Sollenberger, J.C.B. Dubeux, Jr., S.M. Interrante, R.L. Stewart, Jr., and J.D. Arthington. 2007. Concentrate supplementation effects on the performance of early weaned calves grazing Tifton 85 bermudagrass. *Agron. J.* 99:399-404.

216. Vendramini, J.M.B.*, M.L.A. Silveira, J.C.B. Dubeux, and L.E. Sollenberger. 2007. Environmental impacts and nutrient recycling on pastures grazed by cattle. *Brazilian J. Anim. Sci.* 36:139-149.
217. Woodard, K.R.*, L.E. Sollenberger, L.A. Sweat, D.A. Graetz, V.D. Nair, and S.J. Rymph. 2007. Phosphorus and other soil components in a dairy effluent sprayfield within the Central Florida Ridge. *J. Environ. Qual.* 36:1042-1049.
218. Woodard, K.R.*, L.E. Sollenberger, L.A. Sweat, D.A. Graetz, V.D. Nair, S.J. Rymph, and Yongsung Joo. 2007. Five year-round forage systems in a dairy effluent sprayfield: Phosphorus removal. *J. Environ. Qual.* 36:175-183.
219. Dubeux, J.C.B., Jr.*, L.E. Sollenberger, N.B. Comerford, J.M. Scholberg, A.C. Ruggieri, J.M.B. Vendramini, S.M. Interrante, and K.M. Portier. 2006. Management intensity affects density fractions of soil organic matter from grazed bahiagrass swards. *Soil Biol. Biochem.* 38:2705-2711.
220. Dubeux, J.C.B., Jr.*, L.E. Sollenberger, S.M. Interrante*, J.M.B. Vendramini*, and R.L. Stewart, Jr.*. 2006. Litter decomposition and mineralization in grazed Pensacola bahiagrass pastures managed at different intensities. *Crop Sci.* 46:1305-1310.
221. Dubeux, J.C.B., Jr.*, L.E. Sollenberger, J.M.B. Vendramini*, R.L. Stewart, Jr.*, and S.M. Interrante*. 2006. Litter mass, deposition rate, and chemical composition in grazed Pensacola bahiagrass pastures managed at different intensities. *Crop Sci.* 46:1299-1304.
222. Dubeux, J.C.B., Jr.*, R.L. Stewart, Jr.*, L.E. Sollenberger, J.M.B. Vendramini*, and S.M. Interrante*. 2006. Spatial heterogeneity of herbage response to management intensity in continuously stocked Pensacola bahiagrass pastures. *Agron. J.* 98:1453-1459.
223. Grise, M.M.*, L.E. Sollenberger, J.C.B. Dubeux, Jr., S.M. Interrante, R.L. Stewart, Jr., and A. Pelissari. 2006. Biomass allocation and forage quality in a Pensacola bahiagrass pasture in north-central Florida. *Acta Scientiarum Animal Science* 28:375-383.
224. Newman, Y.C.*, L.E. Sollenberger, K.J. Boote, L.H. Allen, Jr., J.M. Thomas, and R.C. Littell. 2006. Nitrogen fertilization affects bahiagrass responses to elevated atmospheric CO₂. *Agron. J.* 98:382-387.
225. Nyambati, E.M.*, L.E. Sollenberger, C.K. Hiebsch, and S.C. Rono. 2006. On-farm productivity of relay-cropped mucuna and lablab in smallholder crop-livestock systems in northwestern Kenya. *J. Sustainable Agric.* 28:97-116.
226. Nyambati, E.M.*, L.E. Sollenberger, C.N. Karue, and N.K.R. Musimba. 2006. The value of *Acacia brevispica* and *Leucaena leucocephala* seedpods as dry-season supplements for calves in dry areas of Kenya. *African J. Agric. Res.* 1:118-124.

227. Vendramini, J.M.B.* , L.E. Sollenberger, J.C.B. Dubeux, Jr., S.M. Interrante, R.L. Stewart, Jr., and J.D. Arthington. 2006. Concentrate supplementation effects on forage characteristics and performance of early weaned calves grazing rye-ryegrass pastures. *Crop Sci.* 46:1595-1600.
228. Boken, S.L.†, C.R. Staples, L.E. Sollenberger, T.C. Jenkins, and W.W. Thatcher. 2005. Effect of grazing and fat supplementation on production and reproduction of Holstein cows. *J. Dairy Sci.* 88:4258-4272.
229. Fontaneli, R.S.* , L.E. Sollenberger, R.C. Littell, and C.R. Staples. 2005. Performance of lactating dairy cows managed on pasture-based or in freestall barn-feeding systems. *J. Dairy Sci.* 88:1264-1276.
230. Mathews, B.W.* , J.R. Carpenter, L.E. Sollenberger, and S. Tsang. 2005. Phosphorus in Hawaiian kikuyugrass pastures and potential phosphorus release to water. *J. Environ. Qual.* 34:1214-1223.
231. Newman, Y.C.* , and L.E. Sollenberger. 2005. Grazing management and N fertilization effects on vaseygrass persistence in limpgrass pastures. *Crop Sci.* 45:2038-2043.
232. Newman, Y.C.* , L.E. Sollenberger, K.J. Boote, L.H. Allen, Jr., J.C.V. Vu, and M.B. Hall. 2005. Temperature and carbon dioxide effects on chemical composition of rhizoma peanut herbage. *Crop Sci.* 45:316-321.
233. Sollenberger, L.E., and R.S. Kalmbacher. 2005. Aeschynomene and carpon desmodium: Legumes for bahiagrass pasture in Florida. *Trop. Grassl.* 39:227.
234. Sollenberger, L.E., J.E. Moore, V.G. Allen, and C.G.S. Pedreira. 2005. Reporting forage allowance in grazing experiments. *Crop Sci.* 45:896-900.
235. Stewart, R.L., Jr.* , J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, and S.M. Interrante. 2005. Stocking method affects plant responses of Pensacola bahiagrass pastures. Online. *Forage and Grazinglands* doi:10.1094/FG-2005-1028-01-RS.
236. Hernández-Garay, A.* , L.E. Sollenberger, D.C. McDonald, G.J. Ruegsegger, R.S. Kalmbacher, and P. Mislevy. 2004. Nitrogen fertilization and stocking rate affect stargrass pasture and cattle performance. *Crop Sci.* 44:1348-1354.
237. Hernández-Garay, A.* , L.E. Sollenberger, C.R. Staples, and C.G.S. Pedreira*. 2004. Florigraze and Arbrook rhizoma peanut as pasture for growing Holstein heifers. *Crop Sci.* 44:1355-1360.
238. Chikagwa-Malunga, S.K. †, N. Krueger. D.B. Dean, L.E. Sollenberger, and A.T. Adesogan. 2003. Effect of maturity at harvest on the nutritive value, botanical fractions and biomass yield of *Mucuna pruriens*. *Trop. Subtropical Agroecosystems.* 3:127-130.

239. Dean, D.B. †, N. Krueger, L.E. Sollenberger, R.C. Littell, and A.T. Adesogan. 2003. The effect of treatment of bermudagrass and bahiagrass hays with fibrolytic enzymes on digestibility in vitro. *Trop. Subtropical Agroecosystems* 3:197-200.
240. Eilitta, M.* , L.E. Sollenberger, R.C. Littell, and L.W. Harrington. 2003. On-farm experiments with maize-mucuna systems in southeastern Veracruz, Mexico: I. Mucuna biomass and maize grain yield. *Exper. Agric.* 39:5-17.
241. Eilitta, M.* , L.E. Sollenberger, R.C. Littell, and L.W. Harrington. 2003. On-farm experiments with maize-mucuna systems in southeastern Veracruz, Mexico: II. Mucuna variety evaluation and subsequent maize yield. *Exper. Agric.* 39:19-27.
242. Fike, J.H.* , C.R. Staples, L.E. Sollenberger, B. Macoon, and J.E. Moore. 2003. Pasture forages, supplementation rate, and stocking rate effects on dairy cow performance. *J. Dairy Sci.* 86:1268-1281.
243. Macoon, B.* , L.E. Sollenberger, J.E. Moore, C.R. Staples, J.H. Fike, and K.M. Portier. 2003. Comparison of three techniques for estimating forage intake of lactating dairy cows on pasture. *J. Anim. Sci.* 81:2357-2366.
244. Mathews, B.W.* , and L.E. Sollenberger. 2003. Use of dilute oxalate to recover exchangeable aluminum immobilized by sulfate salt addition to a rhodic Kandiudult subsoil. *Commun. Soil Sci. Plant Anal.* 34:531-545.
245. Newman, Y.C.* , L.E. Sollenberger, and C.G. Chambliss. 2003. Canopy characteristics of continuously stocked limpograss swards grazed to different heights. *Agron. J.* 95:1246-1252.
246. Newman, Y.C.* , L.E. Sollenberger, A.M. Fox, and C.G. Chambliss. 2003. Canopy height effects on vaseygrass and bermudagrass spread in limpograss pastures. *Agron. J.* 95:390-394.
247. Nyambati, E.M.* , and L.E. Sollenberger. 2003. Nutritive value of top-canopy herbage of *Mucuna* and *Lablab* relay cropped in maize in the sub-humid highlands of northwestern Kenya. *Tropical & Subtropical Agroecosystems* 1:81-86.
248. Nyambati, E.M.* , L.E. Sollenberger, and W.E. Kunkle. 2003. Feed intake and lactation performance of dairy cows offered napiergrass supplemented with legume hay. *Livestock Prod. Sci.* 83:179-189.
249. Woodard, K.R.* , E.C. French, L.A. Sweat, D.A. Graetz, L.E. Sollenberger, B. Macoon*, K.M. Portier, S.J. Rymph, B.L. Wade, G.M. Prine, and H.H. Van Horn. 2003. Nitrogen removal and nitrate leaching for two perennial, sod-based forage systems receiving dairy effluent. *J. Environ. Qual.* 32:996-1007.

250. Burns, J.C., and L.E. Sollenberger. 2002. Grazing behavior of ruminants and daily performance from warm-season grasses. *Crop Sci.* 42:873-881.
251. Fike, J.H.*, C.R. Staples, L.E. Sollenberger, J.E. Moore, and H.H. Head. 2002. Southeastern pasture-based dairy systems: Housing, posilac, and supplemental silage effects on cow performance. *J. Dairy Sci.* 85:866-878.
252. Johnson, S.E.*, L.E. Sollenberger, I.F. Andrade, and J.M. Bennett. 2002. Nutritive value of rhizoma peanut growing under shade. *Agron. J.* 94:1071-1077.
253. Macoon, B.*, L.E. Sollenberger, and J.E. Moore. 2002. Defoliation effects on persistence and productivity of four *Pennisetum* genotypes. *Agron. J.* 94:541-548.
254. Macoon, B.*, K.R. Woodard, L.E. Sollenberger, E.C. French, III, K.M. Portier, D.A. Graetz, G.M. Prine, and H.H. Van Horn, Jr. 2002. Dairy effluent effects on herbage yield and nutritive value of forage cropping systems. *Agron J.* 94:1043-1049.
255. Mathews, B.W.*, S. Tsang, R.S. Senock, and L.E. Sollenberger. 2002. Soil nutrient supply under Sydney blue gum, N-fixing albizia, and naturalized hilograss fallow in Hawai'i. *Soil Crop Sci. Soc. Fla. Proc.* 61:56-62.
256. Newman, Y.C.*, L.E. Sollenberger, W.E. Kunkle, D.B. Bates. 2002. Crude protein fractionation and degradation parameters of limpograss herbage. *Agron. J.* 94:1381-1386.
257. Newman, Y.C.*, L.E. Sollenberger, W.E. Kunkle, and C.G. Chambliss. 2002. Canopy height and nitrogen supplementation effects on performance of heifers grazing limpograss. *Agron. J.* 94:1375-1380.
258. Williams, M.J., E. Valencia, and L.E. Sollenberger. 2002. No-till establishment of rhizoma peanut. *Agron. J.* 94:1350-1354.
259. Woodard, K.R.*, E.C. French, L.A. Sweat, D.A. Graetz, L.E. Sollenberger, B. Macoon*, K.M. Portier, B.L. Wade, S.J. Rymph, G.M. Prine, and H.H. Van Horn. 2002. Nitrogen removal and nitrate-N leaching for forage systems receiving dairy effluent. *J. Environ. Qual.* 31:1980-1992.
260. Fontaneli, R.S. *, L.E. Sollenberger, and C.R. Staples. 2001. Yield, yield distribution, and nutritive value of intensively managed pearl millet and sorghum-sudangrass. *Agron. J.* 93:1257-1262.
261. Macoon, B.*, L.E. Sollenberger, and J.E. Moore. 2001. Defoliation effects on leaf blade proportion and nutritive value of four *Pennisetum* genotypes. *Soil Crop Sci. Soc. Fla. Proc.* 60:114-119.
262. Mathews, B.W.*, J.R. Carpenter, L.E. Sollenberger, and K.D. Hisashima. 2001. Macronutrient, soil organic carbon, and earthworm distribution in subtropical pastures on

- an Andisol with and without long-term fertilization. *Commun. Soil Sci. Plant Anal.* 32:209-230.
263. Newman, Y.C.*, L.E. Sollenberger, K.J. Boote, L.H. Allen, Jr., and R.C. Littell. 2001. Carbon dioxide and temperature effects on forage dry matter production. *Crop Sci.* 41:399-406.
264. Valencia, E.*, M.J. Williams, C.C. Chase, Jr., L.E. Sollenberger, A.C. Hammond, R.S. Kalmbacher, and W.E. Kunkle. 2001. Pasture management effects on diet composition and cattle performance on continuously stocked rhizoma peanut-mixed grass swards. *J. Anim. Sci.* 79:2456-2464.
265. Fontaneli, R.S.*, L.E. Sollenberger, and C.R. Staples. 2000. Seeding date effects on yield and nutritive value of cool-season annual forage mixtures. *Soil Crop Sci. Soc. Fla. Proc.* 59:60-67.
266. Pedreira, C.G.S.*, L.E. Sollenberger, and P. Mislevy. 2000. Botanical composition, light interception, and carbohydrate reserve status of grazed 'Florakirk' bermudagrass. *Agron. J.* 92:194-199.
267. Fritschi, F.B.*, K.J. Boote, L.E. Sollenberger, L.H. Allen, Jr., and T.R. Sinclair. 1999. Carbon dioxide and temperature effects on forage establishment: photosynthesis and biomass production. *Global Change Biology* 5:441-453.
268. Fritschi, F.B.*, K.J. Boote, L.E. Sollenberger, and L.H. Allen, Jr. 1999. Carbon dioxide and temperature effects on forage establishment: tissue composition and nutritive value. *Global Change Biology* 5:743-753.
269. Lima, G.F. da*, L.E. Sollenberger, W.E. Kunkle, J.E. Moore, and A.C. Hammond. 1999. Nitrogen fertilization and supplementation effects on performance of beef heifers grazing limpograss. *Crop Sci.* 39:1853-1858.
270. Mathews, B.W.*, J.P. Tritschler, L.A. Gaston, and L.E. Sollenberger. 1999. Soil macronutrient distribution in rotationally stocked kikuyugrass paddocks. *Commun. Soil Sci. Plant Anal.* 30:557-571.
271. Pedreira, C.G.S.*, L.E. Sollenberger, and P. Mislevy. 1999. Productivity and nutritive value of 'Florakirk' bermudagrass as affected by grazing management. *Agron. J.* 91:796-801.
272. Valencia, E.*, M.J. Williams, C.C. Chase, L.E. Sollenberger, A.C. Hammond, R.S. Kalmbacher, and W.E. Kunkle. 1999. Management effects on herbage yield and botanical composition of rhizoma peanut-mixed grass associations. *Agron. J.* 91:431-438.

273. Valencia, E.*, M.J. Williams, and L.E. Sollenberger. 1999. Yield and botanical composition of rhizoma peanut-grass swards treated with herbicides. *Agron. J.* 91:956-961.
274. Andrade, I.F.*, L.G. Atkinson, L.E. Sollenberger, G.J. Ruegsegger, P. Mislevy, and R.S. Kalmbacher. 1998. Stockpiling herbaceous tropical legumes for dry season feed in Jamaica. *Trop. Grassl.* 32:166-172.
275. Chaparro, C.J.*, and L.E. Sollenberger. 1997. Nutritive value of clipped Mott elephantgrass herbage. *Agron. J.* 89:789-793.
276. Garcez-Yopez, P. †, W.E. Kunkle, D.B. Bates, J.E. Moore, W.W. Thatcher, and L.E. Sollenberger. 1997. Effects of energy source and amount on forage intake and performance by steers and intake and diet digestibility by sheep. *J. Anim. Sci.* 75:1918-1925.
277. Chaparro, C.J.*, L.E. Sollenberger, and K.H. Quesenberry. 1996. Light interception, reserve status, and persistence of clipped Mott elephantgrass swards. *Crop Sci.* 39:649-655.
278. Rice, R.W. †, L.E. Sollenberger, K.H. Quesenberry, G.M. Prine, and E.C. French. 1996. Establishment of rhizoma perennial peanut with varied rhizome nitrogen and carbohydrate concentrations. *Agron. J.* 88:61-66.
279. Chaparro, C.J.*, L.E. Sollenberger, and C.S. Jones, Jr. 1995. Defoliation effects on Mott elephantgrass productivity and leaf percentage. *Agron. J.* 87:981-985.
280. Rice, R.W. †, L.E. Sollenberger, K.H. Quesenberry, G.M. Prine, and E.C. French. 1995. Defoliation effects on rhizoma perennial peanut rhizome characteristics and establishment performance. *Crop Sci.* 35:1291-1299.
281. Ruiz, T.M. †, E. Bernal, C.R. Staples, L.E. Sollenberger, and R.N. Gallaher. 1995. Effect of dietary neutral detergent fiber concentration and forage source on performance of lactating cows. *J. Dairy Sci.* 78:305-319.
282. Spitaleri, R.F.*, L.E. Sollenberger, C.R. Staples, and S.C. Schank. 1995. Harvest management effects on ensiling characteristics and silage nutritive value of seeded *Pennisetum* hexaploid hybrids. *Postharv. Biol. Tech.* 5:353-362.
283. Johnson, S.E.*, L.E. Sollenberger, and J.M. Bennett. 1994. Yield and reserve status of rhizoma peanut growing under shade. *Crop Sci.* 34:757-761.
284. Mathews, B.W.*, L.E. Sollenberger, V.D. Nair, and C.R. Staples. 1994. Impact of grazing management on soil N, P, K, and S distribution. *J. Environ. Qual.* 23:1006-1013.

285. Mathews, B.W.*, L.E. Sollenberger, P. Nkedi-Kizza, L.A. Gaston, and H.D. Hornsby. 1994. Soil sampling procedures for monitoring potassium distribution in grazed pastures. *Agron. J.* 86:121-126.
286. Mathews, B.W.*, L.E. Sollenberger, and C.R. Staples. 1994. Dairy heifer and bermudagrass pasture responses to rotational and continuous stocking. *J. Dairy Sci.* 77:244-252.
287. Mathews, B.W.*, L.E. Sollenberger, and C.R. Staples. 1994. In vitro digestibility and nutrient concentration of bermudagrass under rotational stocking, continuous stocking, and clipping. *Comm. Soil Sci. Plt. Anal.* 25:301-317.
288. Mathews, B.W.*, L.E. Sollenberger, and C.R. Staples. 1994. Sulfur fertilization of bermudagrass and effect on digestion of nitrogen, sulfur, and fiber by nonlactating cows. *J. Haw. Pac. Agric.* 5:21-30.
289. Spitaleri, R.F.*, L.E. Sollenberger, S.C. Schank, and C.R. Staples. 1994. Defoliation effects on agronomic performance of seeded *Pennisetum* hexaploid hybrids. *Agron. J.* 86:695-698.
290. Flores, J.A.*, J.E. Moore, and L.E. Sollenberger. 1993. Determinants of forage quality in Pensacola bahiagrass and Mott elephantgrass. *J. Anim. Sci.* 71:1606-1614.
291. Rusland, G.A. †, L.E. Sollenberger, and C.S. Jones, Jr. 1993. Nitrogen fertilization effects on planting stock characteristics and establishment performance of dwarf elephantgrass. *Agron. J.* 85:857-861.
292. Chaparro, C.J.*, L.E. Sollenberger, and C.S. Jones, Jr. 1992. Limpograss sod management and aeschynomene seed reserve effects on legume reestablishment. *Agron. J.* 84:195-200.
293. Holderbaum, J.F.*, L.E. Sollenberger, K.H. Quesenberry, J.E. Moore, and C.S. Jones, Jr. 1992. Canopy structure and nutritive value of rotationally-grazed limpograss pastures during mid-summer to early autumn. *Agron. J.* 84:11-16.
294. Ruiz, T.M. †, W.K. Sanchez, C.R. Staples, and L.E. Sollenberger. 1992. Comparison of 'Mott' dwarf elephantgrass and corn silage for lactating dairy cows. *J. Dairy Sci.* 75:533-543.
295. Mathews, B.W.*, R.E. Joost, and L.E. Sollenberger. 1992. Response of 'Florida 77' alfalfa grown on an acid soil to surface application of phosphogypsum, langbeinite, and muriate of potash. *Soil Crop Sci. Soc. Fla. Proc.* 51:130-135.
296. Ortega-S., J.A.*, L.E. Sollenberger, J.M. Bennett, and J.A. Cornell. 1992. Rhizome characteristics and canopy light interception of grazed rhizoma peanut pastures. *Agron. J.* 84:804-809.

297. Ortega-S., J.A.*, L.E. Sollenberger, K.H. Quesenberry, J.A. Cornell, and C.S. Jones, Jr. 1992. Productivity and persistence of rhizoma peanut pastures under different grazing managements. *Agron. J.* 84:799-804.
298. Chaparro, C.J.*, L.E. Sollenberger, and S.B. Linda. 1991. Grazing management effects on *aeschynomene* seed production. *Crop Sci.* 31:197-201.
299. Holderbaum, J.F.*, L.E. Sollenberger, J.E. Moore, D.B. Bates, W.E. Kunkle, and A.C. Hammond. 1991. Protein supplementation of steers grazing limpograss pasture. *J. Prod. Agric.* 4:437-441.
300. Knettle, J.R.†, G.M. Prine, O.C. Ruelke, L.E. Sollenberger, and C.R. Staples. 1991. Forage potential of Mott dwarf elephantgrass evaluated under intensive management in northern Florida. *Soil Crop Sci. Soc. Fla. Proc.* 50:51-54.
301. Sollenberger, L.E., M.J. Williams, and C.S. Jones, Jr. 1991. Vegetative establishment of dwarf elephantgrass: Effect of planting date, density, and location. *Soil Crop Sci. Soc. Fla. Proc.* 50:47-51.
302. Cherney, J.H., D.J.R. Cherney, L.E. Sollenberger, J.A. Patterson, and K.V. Wood. 1990. Identification of a quinic acid ester in limpograss and its influence on fiber digestion. *J. Agric. Food Chem.* 38:2140-2143.
303. Sollenberger, L.E., C.S. Jones, Jr., K.A. Albrecht, and G.H. Ruitenber. 1990. Vegetative establishment of dwarf elephantgrass: Effect of defoliation prior to planting stems. *Agron. J.* 82:274-278.
304. Canudas, E.G.†, K.H. Quesenberry, L.E. Sollenberger, and G.M. Prine. 1989. Establishment of two cultivars of rhizoma peanut as affected by weed control and planting rate. *Trop. Grassl.* 23:162-170.
305. Sollenberger, L.E., and C.S. Jones, Jr. 1989. Beef production from nitrogen-fertilized Mott dwarf elephantgrass and Pensacola bahiagrass pastures. *Trop. Grassl.* 23:129-134.
306. Sollenberger, L.E., G.M. Prine, W.R. Ocumpaugh, W.W. Hanna, C.S. Jones, Jr., S.C. Schank, and R.S. Kalmbacher. 1989. Registration of 'Mott' dwarf elephantgrass. *Crop Sci.* 29:827-828.
307. Sollenberger, L.E., G.A. Rusland, C.S. Jones, Jr., K.A. Albrecht, and K.L. Gieger. 1989. Animal and forage responses on rotationally grazed 'Floralta' limpograss and 'Pensacola' bahiagrass pastures. *Agron. J.* 81:760-764.
308. Rusland, G.A.†, L.E. Sollenberger, K.A. Albrecht, C.S. Jones, Jr., and L.V. Crowder. 1988. Animal performance on limpograss-*aeschynomene* and nitrogen-fertilized limpograss pastures. *Agron. J.* 80:957-962.

309. Sollenberger, L.E., W.R. Ocumpaugh, V.P.B. Euclides, J.E. Moore, K.H. Quesenberry, and C.S. Jones, Jr. 1988. Animal performance on continuously stocked 'Pensacola' bahiagrass and 'Floralta' limpograss pastures. *J. Prod. Agric.* 1:216-220.
310. Sollenberger, L.E., G.M. Prine, W.R. Ocumpaugh, S.C. Schank, R.S. Kalmbacher, and C.S. Jones, Jr. 1987. Dwarf elephantgrass: A high quality forage with potential in Florida and the tropics. *Soil Crop Sci. Soc. Fla. Proc.* 46:42-46.
311. Sollenberger, L.E., J.E. Moore, K.H. Quesenberry, and P.T. Beede. 1987. Relationships between canopy botanical composition and diet selection in aeschynomene-limpograss pastures. *Agron. J.* 79:1049-1054.
312. Sollenberger, L.E., K.H. Quesenberry, and J.E. Moore. 1987. Effects of grazing management on establishment and productivity of aeschynomene overseeded in limpograss pastures. *Agron. J.* 79:78-82.
313. Sollenberger, L.E., K.H. Quesenberry, and J.E. Moore. 1987. Forage quality responses of an aeschynomene-limpograss association to grazing management. *Agron. J.* 79:83-89.
314. Sollenberger, L.E., and K.H. Quesenberry. 1986. Seed production responses of *Aeschynomene americana* to grazing management. *Soil Crop Sci. Soc. Fla. Proc.* 45:157-161.
315. Sollenberger, L.E., and K.H. Quesenberry. 1985. Factors affecting the establishment of aeschynomene in Floralta limpograss sods. *Soil Crop Sci. Soc. Fla. Proc.* 44:141-146.
316. Sollenberger, L.E., W.C. Templeton, Jr., and R.R. Hill, Jr. 1984. Orchardgrass and perennial ryegrass with applied nitrogen and in mixtures with legumes. I. Total dry matter and nitrogen yields. *Grass and Forage Sci.* 39:255-262.
317. Sollenberger, L.E., W.C. Templeton, Jr., and R.R. Hill, Jr. 1984. Orchardgrass and perennial ryegrass with applied nitrogen and in mixtures with legumes. II. Component contributions to dry matter and nitrogen harvests. *Grass and Forage Sci.* 39:263-270.

EDIS Publications (Electronic distribution information system; peer reviewed)

1. Sanchez, J.D., J.M.B. Vendramini, M.L. Silveira, J.C.B. Dubeux Jr., L.E. Sollenberger, and P. Moriel. 2020. Pinto peanut: a seed-propagated perennial peanut forage option for Florida. *Univ. Fla. Ext. Pub.* SS-AGR-445.
2. Dubeux, J.C.B., Jr., L.E. Sollenberger, J.M.B. Vendramini, M.O. Wallau, A. Blount, L. Garcia-Jimenez, E. Santos, and D. Jaramillo. 2018. Strip-planting rhizoma peanut into grazing systems. *Univ. Fla. Ext. Pub.* SS-AGR-421.
3. Dubeux, J.C.B., Jr., L.E. Sollenberger, M. Mauldin, and L. Garcia. 2018. Ecosystem services provided by grass-legume pastures. *Univ. Fla. Ext. Pub.* SS-AGR-423.

4. Wilson, T., C. Sanders, J. Bremen, and L. Sollenberger. 2012. Estimating amount of forage in hay fields and pastures. <http://edis.ifas.ufl.edu/ag360>. 2 pages.
5. Foster, J. †, R. Myer, A.T. Adesogan, J. Carter, L.E. Sollenberger, and A. Blount. 2010. Annual warm-season legumes for Florida and the US Gulf Coast: Forage yield, nutritional composition and feeding value. <http://edis.ifas.ufl.edu/an259>. 5 pages.
6. Newman, Y.C., J.M.B. Vendramini, L.E. Sollenberger, and K.H. Quesenberry. 2009. Limpograss (*Hemarthria altissima*) overview and management. <http://edis.ifas.ufl.edu/ag330>.
7. Newman, Y.C., A.T. Adesogan, J.M.B. Vendramini, and L.E. Sollenberger. 2009. Defining forage quality. <http://edis.ifas.ufl.edu/ag332>.
8. Sollenberger, L.E., Y.C. Newman, and J.M.B. Vendramini. 2009. General guidelines for managing pastures for dairy cows. <http://edis.ifas.ufl.edu/ag162>.
9. Adesogan, A.T., L.E. Sollenberger, Y.C. Newman, and J.M.B. Vendramini. 2009. Factors affecting forage quality. <http://edis.ifas.ufl.edu/ag161>.
10. Vendramini, J.M.B., Y.C. Newman, and L.E. Sollenberger. 2009. Digitgrasses. <http://edis.ifas.ufl.edu/ds124>.
11. Sollenberger, L.E., J.M.B. Vendramini, and Y.C. Newman. 2009. Grazing management concepts and practices. <http://edis.ifas.ufl.edu/ag160>.
12. Sollenberger, L.E. 2008. Mott elephantgrass. 2008. <http://edis.ifas.ufl.edu/ag155>.
13. Woodard, K.R.*, and L.E. Sollenberger. 2008. Production of elephantgrass for biofuel. <http://edis.ifas.ufl.edu/ag302>.
14. Vendramini, J., U. Inyang, B. Sellers, L.E. Sollenberger, and M.Silveira. 2008. Mulato (*Brachiaria* sp.). <http://edis.ifas.ufl.edu/ag310>.
15. Silveira, M.L.A., J.M.B. Vendramini, L.E. Sollenberger, C.L. Mackowiak, and Y.C. Newman. 2007. Tissue analysis as a nutrient management tool for bahiagrass pastures. <http://edis.ifas.ufl.edu/ss475>.
16. Vendramini, J.M.B., and L.E. Sollenberger. 2007. Impact of grazing methods on forage and cattle production. <http://edis.ifas.ufl.edu/ag268>.

E. Non-refereed Proceedings of Scientific Meetings

1. Caram, N., L.E. Sollenberger, and M.O. Wallau. 2024. Identifying optimum legume proportion to maximize animal performance: The case of bahiagrass-rhizoma peanut mixtures. American Forage & Grassl. Conf. Proc., Mobile, AL.

2. Caram, N., L.E. Sollenberger, M.O. Wallau, and C.H. Wilson. 2023. Canopy characteristics and growth rate of bahiagrass monoculture and mixture with rhizoma peanut. p. 461-464. In: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-0109>
3. Garzon, J., J.M.B. Vendramini, M.L.S. Silveira, H.L., J.C.B. Dubeux, Jr., Liao, L.E., H.M.S. da Silva, V.C. Gomes, H.M.R. Oliveira, and A. Erhunmwunse. 2023. Ecosystem services provided by overseeding aeschynomene into bahiagrass pastures in south Florida. p. 132-136. In: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-0031>
4. Oduor, K.T, L.E. Sollenberger, J.C.B. Dubeux Jr., L.M.D. Queiroz. 2023. Is there a need for tailored graduate programs for international students? p. 1668-1671. In: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-04018>
5. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, M.O. Wallau, D.R.S. Loures, M.A. Bernardini, I.L. Bretas, S.F. Novo, K.R. Trumpp, K.T. Oduor, J.D. Pereira Neto, and M. Ruiz-Moreno. 2023. p. 1088-1091. In: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-0263>
6. Santos, E.R.S.*, J.C.B. Dubeux, Jr., B.G.C. Homem, C. Mackowiak, L.E. Sollenberger, and D. Wright. 2023. Short-term soil organic matter and carbon responses to contrasting grazing intensities in integrated crop-livestock systems. p. 88-92. In: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-0020>
7. Vasco, A.C., J.C.B. Dubeux, Jr., L.E. Sollenberger, M. Wallau, E.R. Santos, J. Lance, L. Warren, and C. Wickens. 2023. Diurnal variation in forage nutrient composition and metabolic parameters of horses grazing warm-season, perennial grass-legume mixed pastures. p. 1419-1422. In: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-0345>
8. Vasco, A.C., E.R. Santos, J. Lance, J.C.B. Dubeux, Jr., L.E. Sollenberger, M.O. Wallau, L. Warren, and C. Wickens. 2023. Herbage responses and performance of mature horses grazing warm-season perennial grass-legume mixed pastures. p. 1423-1426. In: R. Smith et al. (eds.) Proc. Int. Grassl. Cong. 25th. 14-19 May 2023. Curran Associates, Inc., Red Hook, NY. <https://doi.org/10.52202/071171-0346>
9. Garcia, L., D.M. Jaramillo, J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, E.R.S. Santos, M. Ruiz-Moreno, and L.M.D. Queiroz. 2022. Nutrient return from plant litter and cattle excretion grazing on N-fertilized grass or grass-legume pastures in North Florida. p. 249-252 (Volume I) In: Mureithi, J.G. et al. (eds.) Proc. Int. Grassl. Cong. 24th. 25-29 Oct. 2021, Nairobi, Kenya. Kenya Agricultural and Livestock Research Organization (KALRO).

10. Castillo, M.S.* , L.E. Sollenberger, A.R. Blount, J.A. Ferrell, M.J. Williams, and C.L. Mackowiak. 2013. Approaches toward sustainable forage-livestock systems: strip-planting a legume into a warm-season perennial grass pasture. p. 503-504. *In* D.L. Michalk et al. (ed.) Proc. Int. Grassl. Cong., 22nd, 15-19 Sept. 2013, Sydney, Australia. New South Wales Dept. Primary Industry, Orange, New South Wales, Australia.
11. Mullenix, M.K.* , L.E. Sollenberger, A.R. Blount, M.S. Castillo, J.M.B. Vendramini, and M.L. Silveira. 2013. Growth habit of rhizoma peanut cultivars affects establishment and spread when strip planted in bahiagrass sod. *In* 2013 Proc. Amer. Forage Grassl. Council.
12. Vendramini, J.M.B., L.E. Sollenberger, G.C. Lamb, and M.L. Silveira. 2013. Herbage accumulation, nutritive value and persistence of Mulato II in Florida. p. 213-214. *In* D.L. Michalk et al. (ed.) Proc. Int. Grassl. Cong., 22nd, 15-19 Sept. 2013, Sydney, Australia. New South Wales Dept. Primary Industry, Orange, New South Wales, Australia.
13. Wallau, M.O.* , L.E. Sollenberger, K.H. Quesenberry, J.M.B. Vendramini, and M.K. Mullenix. 2013. Evaluation of limpograss (*Hemarthria altissima*) breeding lines under different grazing management. p. 513-514. *In* D.L. Michalk et al. (ed.) Proc. Int. Grassl. Cong., 22nd, 15-19 Sept. 2013, Sydney, Australia. New South Wales Dept. Primary Industry, Orange, New South Wales, Australia.
14. Castillo, M.S.* , L.E. Sollenberger, J.E. Erickson, C. Na, and J.R. Fedenko. 2012. Alternative sources of nutrients for the production of lignocellulosic bio-energy crops. *In* 2012 Sustainable Energy World Congress abstracts. Nordic-Ecuadorian Chamber of Commerce, Quito, Ecuador.
15. Liu, K.* , L.E. Sollenberger, U.R. White, Y.C. Newman, and J.M.B. Vendramini. 2008. Grazing intensity and frequency effects on herbage accumulation and nutritive value of Tifton 85 bermudagrass (*Cynodon* sp.). p. 718. *In* Proc. Int. Grassl. Cong., 21st, 29 June-5 July 2008, Huhhot, China.
16. Newman, Y.C., J.A. Ferrell, A.R. Blount, and L.E. Sollenberger. 2008. Seeding rate and cultivar effects on bahiagrass establishment. p. 209. *In* Proc. Int. Grassl. Cong., 21st, 29 June-5 July 2008, Huhhot, China.
17. Dubeux, J.C.B., Jr., L.E. Sollenberger, N.B. Comerford, A.C. Ruggieri, and K.M. Portier. 2005. Characterization of soil organic matter from Pensacola bahiagrass pastures grazed for four years at different management intensities. p. 87. *In* S.C. Jarvis et al. (ed.) Optimization of nutrient cycling and soil quality for sustainable grasslands. Wageningen Academic Publishers, Wageningen, The Netherlands.
18. Reis, R.A.* , Y.C. Newman, L.E. Sollenberger, A. Hernández Garay, L.M. Premazzi, and D. Urbano. 2004. Cool-season management affects subsequent performance of Tifton 85 bermudagrass. p. 308-312. *In* K.A. Cassida et al. (ed.) Proc. 2004 Forage and Grassland Conference, Roanoke, VA, 12-16 June 2004. American Forage and Grassland Council, Georgetown, TX.

19. Nyambati, E.M.*, L.E. Sollenberger, J. Mureithi, and S.C. Rono. 2003. Effect of green manure defoliation on nitrogen uptake by subsequent maize in northwestern Kenya. *African Crop Sci. Conf. Proc.* 6:471-479.
20. Fontaneli, R.S.*, L.E. Sollenberger, and C.R. Staples. 2001. Dairy cow performance on pasture-based feeding systems and in confinement. p. 843-844. *In* J.A. Gomide et al. (ed.) *Proc. Int. Grassl. Cong.*, 19th, Piracicaba, Brazil, 10-21 Feb. 2001. Brazilian Society of Animal Husbandry, Piracicaba, Brazil.
21. Lima, G.F.C.*, L.E. Sollenberger, and J.E. Moore. 2001. Nitrogen concentration in cell wall of warm-season perennial grasses. p. 376-377. *In* J.A. Gomide et al. (ed.) *Proc. Int. Grassl. Cong.*, 19th, Piracicaba, Brazil, 10-21 Feb. 2001. Brazilian Society of Animal Husbandry, Piracicaba, Brazil.
22. Newman, Y.C.*, L.E. Sollenberger, W.E. Kunkle, D.B. Bates, C.G. Chambliss, and A.M. Fox. 2001. Stubble height effects on limpograss pasture characteristics and performance of beef heifers. p. 851-852. *In* J.A. Gomide et al. (ed.) *Proc. Int. Grassl. Cong.*, 19th, Piracicaba, Brazil, 10-21 Feb. 2001. Brazilian Society of Animal Husbandry, Piracicaba, Brazil.
23. Reis, R.A.*, L.E. Sollenberger, and D. Urbano*. 2001. Impact of overseeding cool-season annual forages on spring regrowth of Tifton 85 bermudagrass. p. 295-297. *In* J.A. Gomide et al. (ed.) *Proc. Int. Grassl. Cong.*, 19th, Piracicaba, Brazil, 10-21 Feb. 2001. Brazilian Society of Animal Husbandry, Piracicaba, Brazil.
24. Welch, S.A.*, L.E. Sollenberger, T.M. Ruiz, and C.R. Staples. 1998. Current management of tropical pastures to feed lactating dairy cattle in Puerto Rico. p. 151-163. *In* N. Semidey and L.N. Aviles (eds.) *Proc. 33rd Annual Caribbean Food Crops Society Meeting*. 6-12 July, 1997. Puerto Rico.
25. Boote, K.J., F.B. Fritsch, L.H. Allen, Jr., and L.E. Sollenberger. 1997. Elevated CO₂ and temperature effects on *Paspalum* and *Arachis* forages. p. 9:15-16. *In* J.G. Buchanan-Smith et al. (eds.) *Proc. Int. Grassl. Congress*, 18th. Winnipeg and Saskatoon, Canada, 8-17 June 1997. Canadian Grassl. Soc., Winnipeg.
26. Fike, J.H.*, C.R. Staples, L.E. Sollenberger, and D.A. Graetz. 1997. Intensive rotational grazing systems for dairying in a subtropical environment: Animal, plant, and soil responses. p. 29:93-94. *In* J.G. Buchanan-Smith et al. (eds.) *Proc. Int. Grassl. Congress*, 18th. Winnipeg and Saskatoon, Canada, 8-17 June 1997. Canadian Grassl. Soc., Winnipeg.
27. Mathews, B.W.*, J.P. Tritschler, and L.E. Sollenberger. 1997. Rotational stocking and soil nutrient distribution on Hawaiian grasslands. p. 29:119-120. *In* J.G. Buchanan-Smith et al. (eds.) *Proc. Int. Grassl. Congress*, 18th. Winnipeg and Saskatoon, Canada, 8-17 June 1997. Canadian Grassl. Soc., Winnipeg.
28. Sollenberger, L.E., G.F. Lima, J.F. Holderbaum, W.E. Kunkle, J.E. Moore, and A.C. Hammond. 1997. Cattle weight gain and sward-animal nitrogen relationships in grazed

- Hemarthria altissima* pastures. p. 29:43-44. In J.G. Buchanan-Smith et al. (eds.) Proc. Int. Grassl. Congress, 18th. Winnipeg and Saskatoon, Canada, 8-17 June 1997. Canadian Grassl. Soc., Winnipeg.
29. Hammond, A.C., W.E. Kunkle, D.B. Bates, and L.E. Sollenberger. 1993. Use of blood urea nitrogen concentration to predict response to protein or energy supplementation in grazing cattle. p. 1989-1991. In M.J. Baker, J.R. Crush, and L.R. Humphreys (eds.) Proc. Int. Grassl. Congress, 17th, Palmerston North, New Zealand. 8-21 Feb. 1993. Keeling and Mundy, Ltd., Palmerston North, NZ.
 30. Mathews, B.W.*, L.E. Sollenberger, C.R. Staples, and C.B. Mathews. 1993. Impact of grazing dairy cattle on phosphorus cycling and water quality in a high water table pasture. p. 1560-1562. In M.J. Baker, J.R. Crush, and L.R. Humphreys (eds.) Proc. Int. Grassl. Congress, 17th, Palmerston North, New Zealand. 8-21 Feb. 1993. Keeling and Mundy, Ltd., Palmerston North, NZ.
 31. Sollenberger, L.E., J.E. Moore, J.A. Flores-C., C.J. Chaparro, and B. Macoon. 1993. Forage quality determinants of Mott elephantgrass and *Pennisetum* hybrids. p. 201-202. In M.J. Baker, J.R. Crush, and L.R. Humphreys (eds.) Proc. Int. Grassl. Congress, 17th, Palmerston North, New Zealand. 8-21 Feb. 1993. Keeling and Mundy, Ltd., Palmerston North, NZ.
 32. Sollenberger, L.E., and R.S. Kalmbacher. 1991. Characteristics and performance of *Aeschynomene* spp. in the tropics and subtropics. p. 625-652. In Proc. of Caribbean Food Crops Society, 26th, Symposium on Subtropical and Tropical Legumes. Mayaguez, Puerto Rico. 30 Jul.-3 Aug. 1990, Jay-Ce Printing, Rio Piedras, Puerto Rico.
 33. Ortega-S., J.A.*, L.E. Sollenberger, and K.H. Quesenberry. 1990. Persistence, productivity, and nutritive value of rhizoma peanut under different grazing managements. p. 344-348. In Proc. 1990 Forage and Grassland Conference, Blacksburg, VA, 6-9 June 1990. American Forage and Grassland Council, Belleville, PA.
 34. Prine, G.M., E.C. French, K.H. Quesenberry, and L.E. Sollenberger. 1990. Development of perennial peanut as a forage crop. p. 4. In Proc. *Trifolium* Conf., 11th, Silver Falls Conf. Ctr., Sublimity, OR.
 35. Moore, J.E., L.E. Sollenberger, K.A. Albrecht, P.T. Beede, and W.F. Brown. 1989. Effect of regrowth interval upon canopy structure and utilization of aeschynomene-limpograss pastures. p. 1029-1030. In R. Desroches (ed.) Proc. Int. Grassl. Congress, 16th, Nice, France. 4-11 Oct. 1989. The French Grassland Society, Versailles Cedex, France.
 36. Sollenberger, L.E., C.S. Jones, Jr., and G.M. Prine. 1989. Animal performance on dwarf elephantgrass and rhizoma peanut pastures. p. 1189-1190. In R. Desroches (ed.) Proc. Int. Grassl. Congress, 16th, Nice, France. 4-11 Oct. 1989. The French Grassland Society, Versailles Cedex, France.

37. Sollenberger, L.E., K.H. Quesenberry, G.O. Mott, and J.E. Moore. 1985. Effects of grazing management on production and forage quality of a limpgrass-jointvetch association. p. 79-83. *In Proc. 1985 Forage and Grassl. Conf. Hershey, PA, 3-6 Mar. 1985. American Forage and Grassland Council, Belleville, PA.*
38. Templeton, W.C., Jr., and L.E. Sollenberger. 1983. Performance of perennial ryegrass for forage in Pennsylvania. p. 148-152. *In Proc. 1983 Forage and Grassl. Conf., Eau Claire, WI, 23-26 Jan. 1983. American Forage and Grassland Council, Belleville, PA.*

G. Non-refereed Technical Reports and Proceedings of Producer Conferences

1. Sollenberger, L.E., J.M.B. Vendramini, and M.L. Silveira. 2019. Finding a solution to declining bahiagrass pastures. *Hay and Forage Grower*. 34:24-25.
2. Vendramini, J.M.B., and L.E. Sollenberger. 2019. Warm-season forage mixtures for pasture establishment p. 106-108. *The Florida Cattleman and Livestock Journal*. v. 83:12.
3. Dubeux, J.C.B., L.E. Sollenberger, J.M.B. Vendramini, M. Wallau, L. Garcia-Jimenez, E. Santos, and D. Jaramillo. 2018. Strip-planting rhizoma peanut into grazing systems. *Florida Cattlemen and Livestock Journal*. 82:79-80.
4. Sollenberger, L.E., J.M.B. Vendramini, and M.L. Silveira. 2018. Defining the importance of soil pH, potassium, and phosphorus in reversing bahiagrass pasture decline on Florida cattle ranches. *Florida Cattlemen and Livestock Journal*. 82(7):81-82.
5. Silveira, M.L., R. Mylavarapu, J.M.B. Vendramini, L.E. Sollenberger, and J.C.B. Dubeux Jr. 2018. Managing soil health for pasture sustainability. *Florida Cattlemen and Livestock Journal*. 82(7):77-78.
6. Dubeux, J.C.B. Jr., P. Munoz, A.R.S. Blount, K.H. Quesenberry, L.E. Sollenberger, B.F.X. Moraes, U. Rivero, and E.R.S. Santos. 2015. Alfalfa production in North-Central Florida. *Univ. Fla. Beef Cattle Res. Rep., Animal Sci. Dept., Gainesville, FL.*
7. Dubeux, J.C.B., Jr., P. Munoz, A.R.S. Blount, K.H. Quesenberry, L.E. Sollenberger, and E.R.S. Santos. 2015. Red clover varieties for north-central Florida. *Univ. Fla. Beef Cattle Res. Rep., Animal Sci. Dept., Gainesville, FL.*
8. Dubeux, J.C.B., Jr., P. Munoz, A.R.S. Blount, K.H. Quesenberry, L.E. Sollenberger, and E.R.S. Santos. 2015. White clover varieties for north-central Florida. *Univ. Fla. Beef Cattle Res. Rep., Animal Sci. Dept., Gainesville, FL.*
9. Santos, E.R.S., H.M.S. Silva, A.C.C. Melo, M. Ruiz-Moreno, A. Blount, C. Mackowiak, N. DiLorenzo, L.E. Sollenberger, and J.C.B. Dubeux, Jr. 2015. Clover-annual ryegrass mixtures to extend the grazing season in North Florida. *Univ. Fla. Beef Cattle Res. Rep., Animal Sci. Dept., Gainesville, FL.*

10. Santos, E.R.S., H.M.S. Silva, M. Ruiz-Moreno, N. DiLorenzo, A. Blount, C. Mackowiak, L.E. Sollenberger, and J.C.B. Dubeux, Jr. 2015. Seeding rates of ball clover in mixtures with annual ryegrass in North Florida. Univ. Fla. Beef Cattle Res. Rep., Animal Sci. Dept., Gainesville, FL.
11. Sollenberger, L.E., J.M.B. Vendramini, J.C.B. Dubeux. 2015. Agronomy Department forage management research update. p. 87-91. *In* 2015 Beef Cattle Short Course Proceedings. 13-15 May 2015, University of Florida, Gainesville.
12. Castillo, M.S.*, L.E. Sollenberger, J.A. Ferrell, A.R. Blount. 2013. Strip-planting rhizoma peanut in existing bahiagrass pastures: A strategy to include legumes in Florida's forage-livestock systems. Univ. Fla. Beef Cattle Res. Rep., Animal Sci. Dept., Gainesville, FL.
13. Sollenberger, L., A. Blount, J. Vendramini, K. Quesenberry, M. Castillo, K. Mullenix, and M. Wallau. 2013. Agronomy forage research update. p. 79. *In* 2013 Beef Cattle Short Course Proceedings. University of Florida, Gainesville.
14. Vendramini, J., J. Arthington, L. Sollenberger, and A. Aguiar. 2013. Forage management research projects. p. 69. *In* 2013 Beef Cattle Short Course Proceedings. University of Florida, Gainesville.
15. Sollenberger, L.E., Y.C. Newman, and J.M.B. Vendramini. 2011. Guidelines for managing pastures for dairy cows. *Progressive Dairyman* 25 (January):29-30.
16. Vendramini, J.M.B., and L.E. Sollenberger. 2009. Central and South Florida: Warm-season grasses grazing management. *Southeast Cattle Advisor* (October). p. 7-8.
17. Vendramini, J.M.B., S. Galindo-Gonzales, J.D. Arthington, R.S. Kalmbacher, P. Mislevy, L.E. Sollenberger, and I. Yoon. 2007. Effects of supplemental yeast fermentation product on early weaned calf performance while grazing ryegrass and summer stargrass pastures. p. 97-98. *In* 2007 Beef Cattle Research Report, Dep. of Anim. Sci, Univ. of Florida, Gainesville.
18. Vendramini, J.M.B., and L.E. Sollenberger. 2007. Impact of grazing methods on forage and cattle production. *Fla. Cattleman and Livestock J.* 71:8-14, 20.
19. Sollenberger, L.E., J.M.B. Vendramini, J.C.B. Dubeux, Jr., and J.D. Arthington. 2006. Grazing programs using Florida forages. p. 63-65. *In* Proc. Beef Cattle Short Course, 55th, Univ. of Florida, Gainesville.
20. Chikagwa-Malungwa, S.K. †, A.T. Adesogan, and L.E. Sollenberger. 2005. Effect of maturity at harvest on chemical composition, tannin concentration, digestibility, and yield of velvetbean (*Mucuna pruriens*). p. 64-67. *In* 2005 Beef Cattle Research Report, Dep. of Anim. Sci, Univ. of Florida, Gainesville.
21. Newman, Y.C.*, L.E. Sollenberger, A. Hernández Garay*, C.R. Staples, and C.G.S. Pedreira*. 2005. Comparison of Florigraze and Arbrook rhizoma peanut under continuous

- stocking. p. 29-31. *In* 2005 Beef Cattle Research Report, Dep. of Anim. Sci, Univ. of Florida, Gainesville.
22. Vendramini, J.M.B.* , L.E. Sollenberger, J.D. Arthington, J.C. Dubeux, Jr.* , R.L. Stewart, Jr.* , and S.M. Interrante*. 2005. How much supplement is needed for early weaned calves grazing rye-ryegrass pastures? p. 34-36. *In* 2005 Beef Cattle Research Report, Dep. of Anim. Sci, Univ. of Florida, Gainesville.
 23. Newman, Y.C.* , L.E. Sollenberger, C.G. Chambliss, and W.E. Kunkle. 2003. Yearling beef heifer performance on limpgrass pastures grazed to different heights. p. 15-17. *In* 2003 Beef Report, Dep. of Anim. Sci, Univ. of Florida, Gainesville.
 24. Stewart, R.L., Jr.* , J.C.B. Dubeux, Jr.* , and L.E. Sollenberger. 2003. Management strategies to improve animal performance and nutrient cycling on Pensacola bahiagrass pastures. p. 67-72. *In* Proc. Beef Cattle Short Course, 52nd, Univ. of Florida, Gainesville.
 25. Moore, J.E., and L.E. Sollenberger. 2002. Forage quality. Univ. of Florida Coop. Ext. Pub. SS-AGR-93. Gainesville, FL.
 26. Sollenberger, L.E. 2002. Grazing management concepts and systems. Univ. of Florida Coop. Ext. Pub. SS-AGR-92. Gainesville, FL.
 27. Sollenberger, L.E. 2002. Guidelines for managing pastures for dairy cows. Univ. of Florida Coop. Ext. Pub. SS-AGR-94. Gainesville, FL.
 28. Sollenberger, L.E. 2002. Mott elephantgrass. Univ. of Florida Coop. Ext. Pub. SS-AGR-58. Gainesville, FL.
 29. Valencia, E.* , L.E. Sollenberger, and G. D'Souza. 2002. Managing pasture resources. p. 1-4. *In* Univ. Virgin Islands Agric. Exp. Stn. Factsheet.
 30. Woodard, K.R.* , L.E. Sollenberger, E.C. French, L.A. Sweat, B. Macoon*, D.A. Graetz, and H.H. Van Horn. 2001. An environmental comparison of two year-round forage systems under dairy effluent irrigation in the Suwannee River Area. p. 61-71. *In* Proc. Dairy Prod. Conf., 38th, Gainesville, FL, 1-2 May 2001, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
 31. Sollenberger, L.E., C.R. Staples, B. Macoon*, J.H. Fike*, and R. Fontaneli*. 2000. Pasture-based systems for lactating cows: Summary of five years of research. p. 131-144. *In* Proc. Dairy Prod. Conf., 37th, Gainesville, FL, May 2000, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
 32. Boote, K.J., L.E. Sollenberger, L.H. Allen, Jr., and T.R. Sinclair. 1999. Carbon balance and growth adaptation of contrasting C₃ and C₄ perennial forage species to increased CO₂ and temperature. Environmental Instit. Publ. No. 73. National Instit. Global Environmental Change. Tuscaloosa, AL.

33. Chambliss, C.G., W.E. Kunkle, L.E. Sollenberger, W.F. Brown, and K.H. Quesenberry. 1999. Limpograss. p. 32-35. *In* C.G. Chambliss (ed.) Florida Forage Handbook. Univ. of Florida Coop. Ext. Pub. SP253. Gainesville, FL.
34. Moore, J.E., W.E. Kunkle, and L.E. Sollenberger. 1999. Forage quality. p. 123-128. *In* C.G. Chambliss (ed.) Florida Forage Handbook. Univ. of Florida Coop. Ext. Pub. SP253. Gainesville, FL.
35. Sollenberger, L.E. 1999. Grazing management concepts and systems. p. 94-96. *In* C.G. Chambliss (ed.) Florida Forage Handbook. Univ. of Florida Coop. Ext. Pub. SP253. Gainesville, FL.
36. Sollenberger, L.E. 1999. Guidelines for managing pastures for dairy cows. p. 113-114. *In* C.G. Chambliss (ed.) Florida Forage Handbook. Univ. of Florida Coop. Ext. Pub. SP253. Gainesville, FL.
37. Sollenberger, L.E. 1999. Mott elephantgrass. p. 43. *In* C.G. Chambliss (ed.) Florida Forage Handbook. Univ. of Florida Coop. Ext. Pub. SP253. Gainesville, FL.
38. Quesenberry, K.H., L.E. Sollenberger, and A. Sotomayor-Rios. 1997. Establishment and persistence of grazing grasses in Florida and Puerto Rico. p. 1, 8, 9, and 11. *In* Tropical and Subtropical Agriculture Research Notes. Summer 1997. Caribbean Basin Administrative Group, University of Florida, Gainesville, FL.
39. Sollenberger, L.E. 1997. Fitting perennial grasses into a complete pasture program. p. 16-19. *In* Range Cattle REC Research Report RC-1997-2.
40. Staples, C.R., J.H. Fike*, L.E. Sollenberger, and B. Macoon*. 1997. Rotational grazing of lactating Holsteins in summer. p. 26-33. *In* Proc. Dairy Prod. Conf., 33rd, Gainesville, FL, Apr. 1997, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
41. Sollenberger, L.E. 1996. General guidelines for managing pastures for dairy cows. Producer Newsletter, Dairy and Poultry Sciences Dept., University of Florida, Gainesville.
42. Valencia, E.*, M.J. Williams, and L.E. Sollenberger. 1996. Effect of establishment methods on seedling vigor and winter survival of leucaena selections in central Florida. p. 8-15. *In* Proc. Int. Conf. on Livestock in the Tropics. University of Florida, Gainesville.
43. Sollenberger, L.E., C.G. Chambliss, D. L. Wright, and C.R. Staples. 1995. Warm-season forages and pasture management for dairy cows. p. 46-57. *In* Proc. Dairy Prod. Conf., 31st, Gainesville, FL, Apr. 1995, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
44. Sollenberger, L.E., and J.E. Moore. 1994. Defoliation responses and quality-related determinants of *Pennisetum* forages. p. 8-10. *In* Tropical and Subtropical Agriculture Research Notes. CBAG, Gainesville, FL.

45. Staples, C.R., H.H. Van Horn, and L.E. Sollenberger. 1994. Grazing for lactating cows - A step ahead or two steps back? *In Proc. Dairy Prod. Conf.*, 31st, Gainesville, FL, Apr. 1994, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
46. Mathews, B.W.*, L.E. Sollenberger, and C.R. Staples. 1992. Grazing management systems for raising replacement heifers on bermudagrass pasture: Animal, plant and soil responses. p. 106-121. *In Proc. Dairy Prod. Conf.*, 29th, Gainesville, FL, 14-16 Apr. 1992, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
47. Quesenberry, K.H., and L.E. Sollenberger. 1992. Production and utilization of limpograss in the tropics. p. 8-11. *In Int. Conf. on Livestock in the Trop.*, Gainesville, FL, 10-13 May 1992. Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
48. Staples, C.R., T.M. Ruiz, E. Bernal, D. Hissem, C.J. Wilcox, L.E. Sollenberger, and R.N. Gallaher. 1992. Comparison of corn, sorghum, bermudagrass, and dwarf elephantgrass silages in three forage-to-concentrate ratios for lactating dairy cows. p. 19-27. *In Proc. Dairy Prod. Conf.*, 29th, Gainesville, FL, 14-16 Apr. 1992, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
49. Chambliss, C.G., and L.E. Sollenberger. 1991. Bahiagrass: The foundation of cow-calf nutrition in Florida. p. 74-80. *In Beef Cattle Short Course Proc.* Gainesville, FL, 1-3 May 1991. Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
50. Holderbaum, J.F.*, L.E. Sollenberger, J.E. Moore, D.B. Bates, W.E. Kunkle, and A.C. Hammond. 1991. Protein supplementation of steers grazing limpograss pasture. p. 41-44. *In Fla. Beef Cattle Res. Rep.*, Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
51. Quesenberry, K.H., L.E. Sollenberger, and A.E. Kretschmer, Jr. 1991. Genetics, physiology, ecology, and utilization of tropical forage legumes. p. 6-7. *In Achievements in Tropical and Subtropical Agricultural Research*, Caribbean Basin Advisory Group, Univ. of Florida, Gainesville.
52. Sollenberger, L.E. 1991. Establishment, response to defoliation, and utilization of N-75 dwarf napiergrass. p. 9-11. *In Achievements in Tropical and Subtropical Agricultural Research*, Caribbean Basin Advisory Group, Univ. of Florida, Gainesville.
53. Sollenberger, L.E., and C.G. Chambliss. 1991. Regional and seasonal forage production limits. p. 25-34. *In Beef Cattle Short Course Proc.* Gainesville, FL, 1-3 May 1991. Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
54. Ortega-S., J.A.*, L.E. Sollenberger, and K.H. Quesenberry. 1990. Grazing management for optimum rhizoma peanut production. p. A1-A4. *In Int. Conf. on Livestock in the Trop.*, Gainesville, FL, 6-9 May 1990. Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
55. Flores, J.A.*, J.E. Moore, and L.E. Sollenberger. 1989. Quality evaluation of Mott dwarf elephantgrass and Pensacola bahiagrass. p. 19-20. *In Fla. Beef Cattle Res. Rep.*, Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.

56. Sollenberger, L.E., and C.G. Chambliss. 1989. Grazing management of improved pastures. p. 42-44. *In* Beef Cattle Short Course Proc., Gainesville, FL, 3-5 May 1989. Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
57. Sollenberger, L.E., C.S. Jones, Jr., J.E. Moore, and W.R. Ocumpaugh. 1989. Steer gains on limpograss and bahiagrass pastures. p. 21-22. *In* Fla. Beef Cattle Res. Rep., Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
58. French, E.C., C.R. Staples, H.H. VanHorn, F. Romero, and L.E. Sollenberger. 1988. Perennial peanut: A promising forage for dairy herd management in the tropics. p. C20-41. *In* Int. Conf. on Livestock in the Trop. Gainesville, FL, 19-24 June 1988. Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
59. Moore, J.E., K.A. Albrecht, L.E. Sollenberger, and P.T. Beede. 1988. Aeschynomene-limpograss pasture for late-season grazing. p. 53-57. *In* Fla. Beef Cattle Res. Rep., Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
60. Rusland, G.A.*, L.E. Sollenberger, C.S. Jones, Jr., and D.D. Johnson. 1988. Carcass characteristics of cattle grazing dwarf elephantgrass, rhizoma peanut, limpograss, and limpograss-aeschynomene pastures. p. 43-45. *In* Fla. Beef Cattle Res. Rep., Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
61. Sollenberger, L.E., G.M. Prine, W.R. Ocumpaugh, W.W. Hanna, C.S. Jones, Jr., S.C. Schank, and R.S. Kalmbacher. 1988. 'Mott' dwarf elephantgrass: A high quality forage for the subtropics and tropics. Fla. Agric. Exp. Stn. Circ. S-356. Inst. Food Agric. Sci., Univ. of Fla., Gainesville.
62. Sollenberger, L.E., G.M. Prine, K.R. Woodard*, and C.S. Jones, Jr. 1988. Planting methodology for 'Mott' dwarf elephantgrass. p. A9-14. *In* Int. Conf. on Livestock in the Trop., Gainesville, FL, 19-24 June 1988. Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
63. Sollenberger, L.E., M.J. Williams, and C.S. Jones, Jr. 1987. Dwarf elephantgrass: A high quality forage with potential in Florida. p. 76-81. *In* Beef Cattle Short Course Proc., Gainesville, FL, 6-8 May 1987. Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
64. Sollenberger, L.E. 1986. Beef Research Unit weather records: 1983-1985. Agron. Res. Rep. AY-86-11. Univ. of Fla., Gainesville. 4 p.
65. Sollenberger, L.E., and C.S. Jones, Jr. 1986. Animal performance on dwarf elephantgrass in Florida. p. A17-21. *In* International Conference on Livestock and Poultry in the Tropics. Gainesville, FL, 11-16 May 1986. Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
66. Sollenberger, L.E., C.S. Jones, Jr., G.A. Rusland*, and J.E. Moore. 1986. Research continues on new forages for Florida. The Florida Cattleman and Livestock Journal. 50(9):68.

67. Sollenberger, L.E., K.H. Quesenberry, and J.E. Moore. 1986. Establishment and management of *aeschynomene* in limpograss pastures. p. 63-69. *In* Beef Cattle Short Course Proc. Gainesville, FL, 7-9 May 1986. Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.
68. Moore, J.E., L.E. Sollenberger, G.A. Morantes, and P.T. Beede. 1985. Effects of variation in characteristics of *Aeschynomene-Hemarthria* pastures on the diet selected by grazing cattle. p. 60-66. *In* Fla. Beef Cattle Res. Rep., Inst. Food Agric. Sci., Univ. of Fla., Gainesville, FL.

G. Abstracts

1. Becker, R.P., E.F. Rios, K.E. Kenworthy, L.E. Sollenberger, M. Wallau, and N. Caram. 2024. Seed production components of new tetraploid bahiagrass lines from the University of Florida Forage Breeding Program. American Forage & Grassl. Conf. Proc., Mobile, AL.
2. Caram, N.*, L.E. Sollenberger, and M.O. Wallau. 2024. Identifying optimum legume proportion to maximize animal performance: The case of bahiagrass-rhizoma peanut mixtures. American Forage & Grassl. Conf. Proc., Mobile, AL.
3. Caram, N.*, L.E. Sollenberger, W.E. Baethgen, and M.O. Wallau. 2024. The role of grasslands and rangelands in global beef production. Society for Range Management Annual Meeting. Sparks, NV.
4. Vasco, A.C., E. Santos, J. Dubeux, M. Wallau, L.E. Sollenberger, L.K. Warren, C.L. Wickens. 2024. Amino acid profile of warm-season perennial grass-legume mixed pasture continuously grazed by horses. American Society of Animal Sciences Annual Meeting Abstract.
5. Vendramini, J.M.B., P. Moriel, L.E. Sollenberger, H.M. da Silva, J. Garzon, J.V.L. Silva, D. Siniscalchi, and A. Miranda. 2024. Regrowth interval and propionic acid effects on warm-season grass silage nutritive value and fermentation characteristics. American Forage and Grassland Council 2024 Conference, Mobile, AL.
6. Allen, V.G., and L.E. Sollenberger. 2023. Roy E. Blaser - a Giant in Forage Physiology, Management, and Grazing Systems Research. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
7. Caram, N.*, F. Casalás, L.E. Sollenberger, M.O. Wallau, P. Soca, M. Cadenazzi, and P. Boggiano. 2023. Factors affecting seasonal defoliation pattern by cattle in heterogeneous grassland. Society for Range Management Annual Meeting. Boise, ID.
8. Caram, N.*, L.E. Sollenberger, M.O. Wallau, and J.C.B. Dubeux, Jr. 2023. Toward an optimum legume proportion in legume-grass pastures: from radiation use efficiency to animal performance. ASA/CSSA/SSSA National Meeting. St. Louis, MO.

9. Lazarin Silva, J.V., J.M.B. Vendramini, M.L.A. Silveira, P. Moriel, L.E. Sollenberger, J.C.B. Dubeux, Jr., H.M.S da Silva, N.M. Lage, and J. Garzon. 2023. Refining phosphorus fertilization recommendations for limpgrass cultivated in environmentally sensitive areas. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
10. Otaviano, E.K.S., A.F. Mammana, A.M. S. Silva, C.M. Gomes, L.E. Sollenberger, and S.C. da Silva. 2023. Nutritive value and rate of herbage intake of three tropical forage grasses cultivated as monocultures and association. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
11. Portuguese Acuna, J., J.C.B. Dubeux, Jr., A. Martin-Ryals, L.E. Sollenberger, C.L. Mackowiak, N. DiLorenzo, L. Garcia, K.R. Trumpp, I.L. Bretas, K. Oduor, M.A. Bernardini, and L.M.D Queiroz. 2023. Life cycle assessment of contrasting grazing systems within a yearling beef cattle stocker system. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
12. Portuguese Acuna, J., J.C.B. Dubeux, Jr., L.E. Sollenberger, C.L. Mackowiak, N. DiLorenzo, A. Martin-Ryals, L.M.D. Queiroz, K.R. Trumpp, K. Oduor, I.L. Bretas, L. Garcia, and M. Ruiz-Moreno. 2023. Tracking nitrogen pathways on contrasting cover cropping systems utilizing ^{15}N -labeled urea. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
13. Queiroz, L.M.D., J.C.B. Dubeux, Jr., M.A. Lira Junior, L.E. Sollenberger, M.O. Wallau, J.M.B. Vendramini, H.-L. Liao, L. Garcia Jimenez, M. Ruiz-Moreno, K. Oduor, I.L. Bretas, J.D.P. Neto, K.R. Trumpp, M.A. Bernardini, and J. Portuguese Acuna. 2023. Belowground responses of cool-season grass-legume mixtures using enriched $^{15}\text{N}_2$ and $^{13}\text{CO}_2$ as tracers. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
14. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, M.O. Wallau, K. Oduor, I.L. Bretas, J.D.P. Neto, K.R. Trumpp, J. Portuguese Acuna, M.A. Bernardini, M.A. Lira Jr., B.E.B. Cremostim, F.F. Simili, and M. Ruiz-Moreno. 2023. Tracking cover crop nutrient decomposition in integrated crop and livestock systems using stable isotopes. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
15. Santos, M., P.M. Santos, L.G. Barioni, B.H. Pereira, S.V. Cuadra, D.N.L. Pequeno, H.B. Brunetti, F.R. Marin, and L.E. Sollenberger. 2023. Yield gap analysis framework applied to pasture-based livestock systems in Brazil. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
16. Trumpp, K.R., J.C.B. Dubeux, Jr., H.A. Koury, J. Portuguese Acuna, K. Oduor, I.L. Bretas, L.M.D. Queiroz, M.A. Bernardini, M. Ruiz-Moreno, L. Garcia, D.M. Jaramillo, L.E. Sollenberger, N. DiLorenzo, and J.M.B. Vendramini. 2023. Belowground responses in contrasting grazing systems. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
17. Trumpp, K.R., J.C.B. Dubeux, Jr., J. Portuguese Acuna, M.A. Bernardini, I.L. Bretas, L.M.D. Queiroz, K. Oduor, M. Ruiz-Moreno, L. Garcia, D.M. Jaramillo, L.E. Sollenberger,

- N. DiLorenzo, and J.M.B. Vendramini. 2023. Ammonia volatilization from animal excreta in contrasting grazing systems. ASA/CSSA/SSSA National Meeting. St. Louis, MO.
18. Caram, N.*, H.A. Hayes, M.O. Wallau, L.E. Sollenberger, E.F. Rios, K.E. Kenworthy, and E. van Santen. 2022. Discriminating among bahiagrass lines using canonical analysis. ASA/CSSA/SSSA National Meeting. Baltimore, MD.
 19. Caram, N.*, P. Soca, and L.E. Sollenberger. 2022. Impacts of native grassland grazing management in Uruguay on national enteric methane emissions of beef cattle systems. 18th International Greenhouse Gas and Animal Conference. Orlando, FL.
 20. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, M.O. Wallau, D.R.S. Loures, E.R. da Silva Santos, K. Oduor, M.A. Bernardini, S.F. Novo, J.D. Neto, I.L. Bretas, and M. Ruiz-Moreno. 2022. Spiny pigweed encroachment affects animal and herbage performance. ASA/CSSA/SSSA National Meeting. Baltimore, MD.
 21. Vendramini, J.M.B., L.E. Sollenberger, M.L.A. Silveira, P. Moriel, H.M.S. Silva, J. Garzon, N.M. Lage, and J.L. Silva. 2022. Evaluation of new warm-season perennial grass genotypes propagated by seed. ASA/CSSA/SSSA National Meeting. Baltimore, MD.
 22. Bernardini, M.A., J.C.B. Dubeux, Jr., L.M.D. Queiroz, L. Garcia, D.M. Jaramillo, E.R.S. Santos, L.E. Sollenberger, J.M.B. Vendramini, and M. Ruiz-Moreno. 2022. Rhizoma perennial peanut strip planting: How did it work over the years? ASA/CSSA/SSSA National Meeting. Baltimore, MD.
 23. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, M.O. Wallau, Hui-Ling Liao, L. Garcia, M. Ruiz-Moreno, M.A. Bernardini, I.L. Bretas, K. Oduor, J.D. Neto, and S.F. Novo. 2022. Tracking nitrogen and carbon transfer in cool-season grass-legume mixtures using enriched $^{15}\text{N}_2$ and $^{13}\text{CO}_2$. ASA/CSSA/SSSA National Meeting. Baltimore, MD.
 24. Hayes, H.A., N. Caram, M.O. Wallau, L.E. Sollenberger, and K.E. Kenworthy. 2022. Evaluation of tetraploid bahiagrass lines for beef cattle systems. Southern Pasture and Forage Crop Improvement Conference Abstracts. 26-27 July 2022, Asheville, NC.
 25. Dubeux, J.C.B., Jr., and L.E. Sollenberger. 2021. Sustainable intensification of livestock systems using forage legumes. Proc. of the Joint XXIV Int. Grassl. Cong. and the XI Int. Rangeland Cong. Nairobi, Kenya.
 26. Garcia, L.M., D.M. Jaramillo, J.C.B. Dubeux Jr., L. Sollenberger, E.R.S. Santos, M. Ruiz-Moreno, L.D. Queiroz. 2021. Nutrient cycling via plant litter and cattle excreta in N-fertilized grass or grass-legume pastures in north Florida. Proc. of the Joint XXIV Int. Grassl. Cong. and the XI Int. Rangeland Cong. Nairobi, Kenya.
 27. Garzon, J., J.M.B. Vendramini, M.L.A. Silveira, J.C.B. Dubeux, Jr., L.E. Sollenberger, H. Liao, H.M.S. da Silva, V.C. Gomes, and H.M.R. Oliveira. 2021. Organic matter and N

- decomposition of aeschynomene-bahiagrass mixed pastures in Florida. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
28. Harling Jr., J.F., L.E. Sollenberger, E.F. Rios, and J.C.B. Dubeux, Jr. 2021. Managing bermudagrass competition to overseeded alfalfa. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
 29. Hayes, H.A., M.O. Wallau, L.E. Sollenberger, K.E. Kenworthy, and E.F. Rios. 2021. Evaluation of production and persistence of new tetraploid bahiagrass lines (*Paspalum notatum* Flüggé) under grazing. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
 30. Jaramillo, D., et al. Herbage and livestock responses in N-fertilized grass and grass-legume grazing systems. 2021. Proc. of the Joint XXIV Int. Grassl. Cong. and the XI Int. Rangeland Cong. Nairobi, Kenya.
 31. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, H. Liao, D.R. Casagrande, D.S. de Abreu, D.M. Jaramillo, E.R.S. Santos, C.C. Garcia, and M. Ruiz-Moreno. 2021. Tracking nitrogen transfer in grass-legume system using enriched ¹⁵N₂ during the warm-season. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
 32. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, H. Liao, D.M. Jaramillo, E.R.S. Santos, H.M.S. Silva, L. Garcia, D.R.S. Loures, and M. Ruiz-Moreno. 2021. Belowground responses of rhizoma peanut-bahiagrass mixtures across three on-farm locations. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
 33. Santos, E.R.S., J.C.B. Dubeux, Jr., C.L. Mackowiak, L.E. Sollenberger, D.L. Wright, N. DiLorenzo, L. Zagato, G.D. Farias, L.M.D. Queiroz, D.M. Jaramillo, and M. Ruiz-Moreno. 2021. Above and belowground litter decomposition of cover crops grazed at different intensities. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
 34. Santos, E.R.S., J.C.B. Dubeux, Jr., D.L. Wright, L.E. Sollenberger, C.L. Mackowiak, N. DiLorenzo, C.C. Garcia, M. Siqueira, L. Garcia, L.M.D. Queiroz, F. van Cleef, and M. Ruiz-Moreno. 2021. Grazing intensity affects cover crop responses without affecting cotton lint yield. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
 35. Santos, E.R.S., J.C.B. Dubeux, Jr., L.E. Sollenberger, D. Jaramillo, L. Garcia, and M. Siqueira. 2021. Composition and decomposition of rhizoma peanut (*Arachis glabrata* Benth.) root and rhizome litter. Proc. of the Joint XXIV Int. Grassl. Cong. and the XI Int. Rangeland Cong. Nairobi, Kenya.
 36. Silva, H.M.S., J.M.B. Vendramini, L.E. Sollenberger, J. Garzon, V.C. Gomes, I.M. Ferreira, and H.M.R. Oliveira. 2021. Herbage accumulation and nutritive value of new warm-season perennial grasses in Florida. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
 37. Sollenberger, L.E. 2021. G. O. Mott - a giant in mentoring and grazing research methodology. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.

38. van Cleef, F., J.C.B. Dubeux, Jr., M. Ruiz-Moreno, H.D. Naumann, C.S. Wheeler, E.R.S. Santos, D.M. Jaramillo, C.C. Garcia, L.E. Sollenberger, J.M.B. Vendramini, and N. DiLorenzo. 2021. Unravelling the role of condensed tannins in ruminants using stable isotopes. ASA/CSSA/SSSA National Meeting. Salt Lake City, Utah.
39. Vendramini, J.M.B., L.E. Sollenberger, and M.L. Silveira. 2021. Challenges of conducting grazing experiments in pasturelands. ASAS Annual Meeting.
40. Garzón, J.E., J.M.B. Vendramini, M.L. Silveira, L.E. Sollenberger, J.C.B. Dubeux, Jr., H.L. Liao, H.M.S. Silva, V.C Gomes, and I. Machado. 2020. Ecosystem services of overseeding aeschynomene into bahiagrass pastures in Florida. ASA/CSSA/SSSA International Annual Meeting Abstracts, virtual meeting, AZ. Available at ASA-CSSA-SSSA International Annual Meeting (social27.com)
41. Harling, J.F., C.H.L. de Souza, E.F. Rios, J.C.B. Dubeux, Jr., and L.E. Sollenberger. 2020. Harvest height and frequency for alfalfa-bermudagrass mixtures in Florida. ASA/CSSA/SSSA Annual Meeting, Virtual Meeting.
42. Jaramillo D.M., J.C.B. Dubeux Jr., N. DiLorenzo, L.E. Sollenberger, J.M.B. Vendramini, C. Mackowiak, L.M.D. Queiroz, B.G.C. Homem, M. Ruiz-Moreno, E.R.S. Santos, F. van Cleef, L. Garcia, and C.V. Garcia. 2020. Water footprint of beef production in contrasting N fertilized or grass-legume mixed grazing systems. ASA/ CSSA/SSSA National Meeting. Virtual Meeting.
43. Pedreira, B.C, A.P. Carvalho, I. Paraiso, D. Silva, L. Domiciano, L. Cabral, D.H. Pereira, and L.E. Sollenberger. 2020. Forage production and animal performance of Ipyporã and Mulato II brachiariagrasses under continuous stocking. ASA/CSSA/SSSA Annual Meeting, Phoenix, AZ.
44. Queiroz, L.M.D., J.C.B. Dubeux Jr., Lynn E. Sollenberger, Joao M. B. Vendramini, Hui-ling Liao, D.M. Jaramillo, E.R.S. Santos, Carlos V. Garcia, Hiran M. S. Silva, Bruno G. C. Homen, M. RuizMoreno, Daciele S. Abreu, F. van Cleef. 2020 Aboveground responses of rhizoma peanut entries in bahiagrass mixtures across multiple locations. ASA/ CSSA/SSSA National Meeting. Virtual Meeting.
45. Queiroz L.M.D., J.C.B. Dubeux Jr, L.E. Sollenberger, J.M.B. Vendramini, Hui-ling Liao, M. Ruiz-Moreno, D.R. Casagrande, D.S. Abreu, C.V. Garcia, D.M. Jaramillo, E.R.S. Santos, F.O. van Cleef. 2020. Tracking nitrogen transfer in grass-legume system using enriched $15N_2$. ASA/CSSA/SSSA National Meeting. Virtual Meeting.
46. Queiroz, L.M.D., J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, H.L. Liao, D.M. Jaramillo, E.R.S. Santos, C.V. Garcia, H.M.S. Silva, B.G.C. Homem, M. Ruiz-Moreno, D.S. Abreu, and F. van Cleef. 2020. Aboveground responses of rhizoma peanut entries in bahiagrass mixtures across multiple locations. ASA/CSSA/SSSA International

Annual Meeting Abstracts, virtual meeting, AZ. Available at ASA-CSSA-SSSA International Annual Meeting (social27.com)

47. Van Cleef, F. G., J.C.B. Dubeux, Jr., J.M.B. Vendramini, L.E. Sollenberger, H.D. Naumann, E.R.S. Santos G, D.M. Jaramillo G, L. Garcia, M. Ruiz-Moreno, and N. DiLorenzo. 2020. Nitrous oxide emission from excreta of beef steers fed a tannin-rich legume. ASA/CSSA/SSSA International Annual Meeting Abstracts, virtual meeting, AZ. Available at ASA-CSSA-SSSA International Annual Meeting (social27.com)
48. Aryal, P., L.E. Sollenberger, J.C.B. Dubeux, Jr., and D.L. Rowland. 2019. Nitrogen fertilization affects nitrogen fixation responses of two rhizoma peanut genotypes during establishment. ASA/CSSA National Meeting Abstracts, San Antonio, TX.
49. Aryal, P., L.E. Sollenberger, D.L. Rowland, and J.A. Ferrell. 2019. Growth temperature and rhizome propagule characteristics affect rhizoma peanut sprout emergence and biomass partitioning patterns. ASA/CSSA National Meeting Abstracts, San Antonio, TX.
50. Dubeux, J.C.B., A. Blount, S. Harrison, L.E. Sollenberger, J. Vendramini, C. Mackowiak, N. DiLorenzo, E. Santos, D. Jaramillo, and L. Garcia. 2019. Developing black oat cultivars for Florida dairies. International Forage & Turfgrass Breeding Conference Abstracts. March 2019.
51. Dubeux, J.C.B. Jr., L.E. Sollenberger, V.X.O. Apolinário, L. Garcia, M.V.F. dos Santos, J.P. Muir, J.M.B. Vendramini, J.H.A. Rangel, and N. DiLorenzo. 2019. Ecosystem services from warm-climate forage legumes. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
52. Freitas, A.M., V.D. Nair, L.E. Sollenberger, W.G. Harris, and A. Rodriguez. 2019. Residual soil phosphorus when poultry litter biochar and inorganic phosphorus are used as fertilizer sources. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
53. Garcia, L.M., J.C.B. Dubeux, Jr., N. DiLorenzo, L.E. Sollenberger, J.M.B. Vendramini, E. Santos, D. Jaramillo, and M. Ruiz-Moreno. 2019. Enteric methane emissions from beef cattle in N-fertilized grass or grass-legume pastures in North Florida. 7th International Greenhouse Gas and Animal Agriculture Conference.
54. Garzon, J., J.V. Vendramini, M.L.A. Silveira, L.E. Sollenberger, J.C.B. Dubeux, Jr., Hui-Ling Liao, H. da Silva, and V. Miranda. 2019. Cultivar and soil incorporation effects on sunnhemp organic matter decomposition. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
55. Jaramillo, D., J.C.B. Dubeux Jr., M. Ruiz-Moreno, N. DiLorenzo, L.D. Queiroz, E.R.S. Santos, L. Garcia-Jimenez, L.E. Sollenberger, J. Vendramini. 2019. Stable isotope signature of methane emissions from beef steers consuming C3-C4 binary mixtures. ASA/CSSA/SSSA National Meeting Abstracts, San Antonio, TX.

56. Pedreira, B.C., I. Paraiso, D. Silva, A.P. Carvalho, L.E. Sollenberger, and D. Pereira. 2019. Forage production of continuously stocked Ipyporã and Mulato II brachiariagrasses in the Brazilian Amazon. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
57. Pedreira, B.C., L. Domiciano, L.E. Sollenberger, and D. Pereira. 2019. Silvopastoral and crop-livestock systems: An alternative for the sustainable intensification of tropical forage-based systems. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
58. Pedreira, C.G.S., P.L. Barbosa, A. Sbrissia, and L.E. Sollenberger. 2019. Tiller population stability index in Zuri guineagrass pastures in response to grazing frequency and severity. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
59. Pedrosa, G.B., L.E. Sollenberger, M.O. Wallau, J.C.B. Dubeux, J.E. Erickson, B.C. Pedreira, F.Q. Rosa, P.L. Barbosa, O.L. Neto, and L.D. Felix. 2019. Changes in rhizoma peanut shoot and root-rhizome characteristics during a planting season and their relationship with rhizome establishment performance. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
60. Santos, E.R.S., J.C.B. Dubeux Jr., C.L. Mackowiak, L.E. Sollenberger, D. Jaramillo, F. van Cleef, M. Siqueira, and M. Ruiz-Moreno. 2019. Root-rhizome mass, growth, and decomposition of rhizoma peanut (*Arachis glabrata Benth.*). ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
61. Silva, L.S., L.E. Sollenberger, K. Cooley, M.M. Kohmann, P. Aryal, B.C. Pedreira, G. Pedrosa, M.L. Silveira, and J.C.B. Dubeux. 2019. Above and belowground biomass characteristics of rhizoma peanut entries and their relationship with soil C and N. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
62. Sollenberger, L.E., and T.J. Butler. 2019. Successful uses, cautionary tales, and great expectations: “Big data” and forage and grazinglands research. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
63. van Cleef, F., J.C.B. Dubeux, Jr., M. Ruiz-Moreno, E.R.S. Santos, H.D. Naumann, L.E. Sollenberger, J.M.B. Vendramini, and N. DiLorenzo. 2019. Enteric methane $\delta^{13}C$ signature from beef cattle fed increasing levels of a tannin-rich legume. ASA/CSSA/SSSA Annual Meeting, San Antonio, TX.
64. van Cleef, F., J.C.B. Dubeux Jr., F. Pinese, E.R.S. Santos, D. Jaramillo, M. Ruiz-Moreno, H. Naumann, L. Sollenberger, J. Vendramini, N. Dilorenzo. 2019. Effects of tannin-rich legume on in vitro organic matter digestibility and methane production of beef cattle. 2019. ASA/CSSA/SSSA National Meeting Abstracts, San Antonio, TX.
65. Aryal, P.*, L.E. Sollenberger, M.M. Kohmann, L.S. da Silva, E.M. Shepard, K.D. Cooley, D.L. Rowland, and J.C.B. Dubeux, Jr. 2018. Effect of planting date and rhizoma peanut cultivar/germplasm on shoot and root-rhizome biomass allocation during establishment. ASA/CSSA National Meeting Abstracts, Baltimore, MD.

66. Aryal, P.*, L.E. Sollenberger, M.M. Kohmann, L.S. da Silva, E.M., K.D. Cooley, D.L. Rowland, and J.C.B. Dubeux, Jr. 2018. Biomass partitioning of two rhizoma peanut entries in response to nitrogen fertilization during establishment. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
67. Boote, K.J., L.E. Sollenberger, and D. Pequeno. 2018. Environmental factors affecting plant cell wall structure and cell wall and forage digestibility. American Dairy Science Association Annual Meeting. June 2018. J. Dairy Sci. 101 (Suppl. 2):189.
68. Brandani, C.B., M.M. Kohmann, M.L.A. Silveira, J. Erickson, J. Reyes-Cabrera, and L.E. Sollenberger. 2018. Short-term effects of converting perennial pastures to bioenergy cropping on soil C and N dynamics in a Florida Ultisol. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
69. Cooley, K.D.*, L.E. Sollenberger, A. Blount, M.M. Kohmann, L.S. da Silva, P. Aryal, J.C.B. Dubeux, Jr., M.L. Silveira, and C.L. Mackowiak. 2018. Above- and below-ground responses to defoliation of rhizoma peanut entries representing a range of growth habits. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
70. Freitas, A.M.†, V.D. Nair, L.E. Sollenberger, and W.G. Harris. 2018. Potential of poultry litter biochar as a substitute for inorganic phosphorus fertilizer. ASA Southern Section Meeting, Jacksonville, FL.
71. Garcia, L.†, J.C.B. Dubeux, Jr., J. Ellis, J. Campbell, H. Ober, L.E. Sollenberger, J.M.B. Vendramini, E.R.S. Santos, D.M. Jaramillo, and M. Ruiz-Moreno. 2018. Managing grassland structure to enhance pollinator habitat. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
72. Garcia, L.†, J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, E.R.S. Santos, D.M. Jaramillo, M. Peña, and M. Ruiz-Moreno. 2018. Nutrient excretion from cattle grazing in N-fertilized grass or grass-legume pastures in North Florida. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
73. Jaramillo, D.†, J.C.B. Dubeux, Jr., L.D. Queiroz, N. DiLorenzo, L. Garcia, D. Abreu, E.R.S. Santos, O.M. Pena, J.M.B. Vendramini, C.L. Mackowiak, and L.E. Sollenberger. 2018. Efficacy of fecal output markers and digestibility methods to predict intake in rhizoma peanut-bahiagrass mixed diets consumed by beef cattle. Annual Meeting Abstracts ASA/CSSA/SSSA, Baltimore, MD.
74. Jaramillo, D.†, J.C.B. Dubeux, Jr., M. Ruiz-Moreno, L.D. Queiroz, N. DiLorenzo, E.R.S. Santos, L. Garcia, D. Abreu, L.E. Sollenberger, J.M.B. Vendramini, and C.L. Mackowiak. 2018. Fecal and tissue $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ as indicators of dietary composition in beef steers consuming grass-legume diets. Annual Meeting Abstracts ASA/CSSA/SSSA, Baltimore, MD.

75. Nair, V.D., L.E. Sollenberger, A.M. Freitas, W.G. Harris, J.C.B. Dubeux Jr., and A. Rodriguez. 2018. Reducing fertilizer application while mitigating legacy phosphorus. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
76. Santos, E.R.S.[†], J.C.B. Dubeux, Jr., C. Mackowiak, L.E. Sollenberger, N. DiLorenzo, D. Wright, D.M. Jaramillo, L. Garcia, M. Siqueira, L. Miranda, and M. Ruiz-Moreno. 2018. Soil C and N stocks on grass or grass-legume mixed pastures in North Florida. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
77. Santos, E.R.S.[†], J.C.B. Dubeux, Jr., C. Mackowiak, R. Menezes, L.E. Sollenberger, D.M. Jaramillo, L. Garcia, L. Dantas, U. Riveros, and M. Ruiz-Moreno. 2018. Particulate soil organic C and N under bahiagrass and rhizoma peanut monocultures and their mixtures. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
78. Silva, L.S.* , M.K. Mullenix, L.E. Sollenberger, M.O. Wallau, M.M. Kohmann, K.H. Quesenberry, J.C.B. Dubeux, Jr., and J.M.B. Vendramini. 2018. Economic feasibility and ecosystem services delivery of grass-N and legume-forage systems in the southeastern US. ASA Southern Section Meeting, Jacksonville, FL.
79. Silva, L.S.* , L.E. Sollenberger, M.M. Kohmann, E. Stenklyft, P. Aryal, K.D. Cooley, J.C.B. Dubeux Jr., and M.L. Silveira. 2018. Litter decomposition and nutrient disappearance of year-round grass-N and legume forage systems under grazing and hay managements. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
80. Silva, L.S.* , L.E. Sollenberger, M.M. Kohmann, K.D. Cooley, P. Aryal, J.C.B. Dubeux Jr., M.L. Silveira, and N. DiLorenzo. 2018. Effect of N-fertilized grass and legume-based forage systems on nitrous oxide emissions. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
81. Sollenberger, L.E., J.M.B. Vendramini, P. Aryal, M.L. Silveira, M.M. Kohmann, L.S. da Silva, K.D. Cooley, and E.M. Shepard. 2018. Producer engagement to identify causes of bahiagrass pasture decline. ASA/CSSA National Meeting Abstracts, Baltimore, MD.
82. Vendramini, J.M.B., J.C.B. Dubeux Jr, L.E. Sollenberger, F. Leite de Oliveira, F. Kuhawara, U. Cecato, C.V. Soares Filho, J.M.D. Sanchez, and J.K. Yarborough. 2018. Inoculant effects on mycotoxins, fermentation characteristics, and nutritive value of bermudagrass silage. p. 314-315. In: K. Gerlach and K.H. Sudekum (ed.) XVIII International Silage Conference, 24-26 July, Bonn, Germany.
83. Wallau, M., J.C.B. Dubeux, Jr., P. Carvalho, L.E. Sollenberger, and J.M.B. Vendramini. 2018. Grazing defined? ASA/CSSA National Meeting Abstracts, Baltimore, MD.
84. Aryal, P.* , L.E. Sollenberger, M.M. Kohmann, L.S. da Silva, E. Stenklyft, K.D. Cooley, D.L. Rowland, and J.C.B. Dubeux, Jr. 2017. Environment and management factors affect biomass partitioning of rhizoma peanut during establishment. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.

85. Cooley, K.D.* , L.E. Sollenberger, A.R. Blount, M.M. Kohmann, L.S. da Silva, P. Aryal, J.C.B. Dubeux, Jr., M.L. Silveira, and C. Mackowiak. 2017. Rhizoma peanut entries representing a range of growth habits differ in herbage accumulation, canopy characteristics, and root-rhizome mass. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
86. Garcia, L.†, J.C.B. Dubeux Jr., L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, E.R.S. Santos, D.M. Jaramillo, L. Queiroz, M. Ruiz-Moreno. 2017. Nutrient cycling through livestock excreta in N-fertilized or grass-legume pastures. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
87. Garcia, L.†, J.C.B. Dubeux Jr., L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, E.R.S. Santos, D.M. Jaramillo, M. A. Gutierrez-Beltran, M. Ruiz-Moreno. 2017. Enteric methane emissions from cattle in N-fertilized grass or grass-legume pastures during cool- and warm-seasons. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
88. Jaramillo, D.†, J.C.B. Dubeux, Jr., D.L. Rowland, A. Blount, C. Mackowiak, L.E. Sollenberger, E.R.S. Santos, L. Garcia, and M. Ruiz-Moreno. 2017. Belowground responses from mixing annual and perennial peanuts with ‘Pensacola’ bahiagrass in North Florida. Annual Meeting Abstracts ASA/CSSA/SSSA, Tampa, FL.
89. Kohmann, M.M.* , L.E. Sollenberger, J.C.B. Dubeux, Jr., N. DiLorenzo, M. Bauer, S. Saraiva, L.S.B. Moreno, L.S. da Silva, and E. Stenklyft. 2017. Effect of legume-rich and N-fertilized grass diets on nitrous oxide and methane emissions from bovine excreta. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
90. Kohmann, M.M.* , L.E. Sollenberger, J.C.B. Dubeux, Jr., M.L. Silveira, L.S.B. Moreno, P. Aryal, E. Stenklyft, and L.S. da Silva. 2017. Nitrogen fertilization and legume proportion affect grassland litter deposition and decomposition. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
91. Nair, V.D., L.E. Sollenberger, B. Dari, A. Freitas, W.G. Harris, and J.C.B. Dubeux, Jr. 2017. Quantitative approach for recovering legacy phosphorus in soils. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
92. Sanchez, J.M.D.†, J.M.B. Vendramini, M.L.A. Silveira, P. Moriel, L.E. Sollenberger, J.C.B. Dubeux Jr., J.K. Yarborough, F.C. Leite de Oliveira, U. Cecato, F. Kuwahara, and C.V. Soares Filho. 2017. In situ disappearance parameters of Ecoturf and ‘Florigraze’ perennial peanut. Annual Meeting Abstracts ASA/CSSA/SSSA, Tampa, FL.
93. Santos, E.R.S.†, J.C.B. Dubeux, Jr., C. Mackowiak, A. Blount, L.E. Sollenberger, N. DiLorenzo, D. Jaramillo, L. Garcia, and J. Shirley. 2017. Comparison of belowground responses of rhizoma peanut-bahiagrass mixtures with their monocultures. Annual Meeting Abstracts ASA/CSSA/SSSA, Tampa, FL.

94. Silva, L.S.* , M.K. Mullenix, L.E. Sollenberger, M.M. Kohmann, E. Stenklyft, P. Aryal, K.D. Cooley, J.C.B. Dubeux Jr., and J.M.B. Vendramini. 2017. Herbage accumulation and nutritive value of legume- or grass-based forage systems defoliated by grazing or clipping. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
95. Silva, L.S.* , M.K. Mullenix, L.E. Sollenberger, M.L. Silveira, M.M. Kohmann, E. Stenklyft, P. Aryal, K.D. Cooley, J.C.B. Dubeux, Jr., and J.M.B. Vendramini. 2017. Soil organic carbon and nitrogen dynamics of year-round legume- or nitrogen-fertilized grass-based forage systems defoliated by grazing or clipping. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
96. Silveira, M.L., L.E. Sollenberger, and J.M.B. Vendramini. 2017. Management intensification impacts on soil carbon dynamics in subtropical grazinglands. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
97. Silveira, M.L., J.E. Erickson, J. Reyes-Cabrera, L.E. Sollenberger, V. Piotto, D. Quadros, S. Mello, and C. Santos. 2017. Changes in soil C and N dynamics in response to the conversion of low-input pastures to perennial bioenergy production. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
98. Sollenberger, L.E., E. Stenklyft, M.M. Kohmann, L.S. da Silva, P. Aryal, K.D. Cooley, J.C.B. Dubeux, Jr., and J.M.B. Vendramini. 2017. Exploring the relationship of growth habit and response to grazing management within *Arachis glabrata*. ASA/CSSA/SSSA National Meeting Abstracts, Tampa, FL.
99. Bauer, M.O.* , M.M. Kohmann, S.S. Santana, L.E. Sollenberger, and J.C.B. Dubeux, Jr. 2016. Animal selectivity in mixed grass-legume pasture assessed by natural isotopic abundance and microhistological techniques. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
100. Garcia, L.† , J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, E.R.S. Santos, and D. Jaramillo. 2016. Reducing N fertilizer inputs in stocker systems by adding forage legumes. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
101. Garcia, L.† , J.C.B. Dubeux, Jr., L.E. Sollenberger, J.M.B. Vendramini, N. DiLorenzo, E.R.S. Santos, D. Jaramillo, and M. Ruiz-Moreno. 2016. Reducing N inputs in grazing systems by introducing rhizoma peanut. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
102. Jaramillo, D.† , J.C.B. Dubeux, Jr., N. DiLorenzo, D.L. Rowland, A. Blount, C. Mackowiak, L.E. Sollenberger, L. Garcia, E.R.S. Santos, and C.S. da Silva. 2016. Tifton-85 bermudagrass mixed with annual or perennial peanuts for hay production in North Florida. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
103. Jaramillo, D.† , J.C.B. Dubeux, Jr., L.E. Sollenberger, D.L. Rowland, A. Blount, C. Mackowiak, N. DiLorenzo, E.R.S. Santos, C.S. da Silva, and L. Garcia. 2016. Performance

of annual and perennial peanuts mixed with Pensacola bahiagrass in North Florida. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.

104. Kohmann, M.M.* , L.E. Sollenberger, J.C.B. Dubeux, Jr., N. DiLorenzo, M.O. Bauer, S.S. Santana, and L.S.B. Moreno. 2016. Effect of legume-rich and N-fertilized grass diets on greenhouse gas emissions from animal excreta. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
105. Kohmann, M.M.* , L.E. Sollenberger, L.S.B. Moreno, J.M.B. Vendramini, and M.L.A. Silveira. 2016. Harvest frequency affects canopy height and herbage accumulation of forage peanut cultivars. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
106. Sanchez, J.M.D.† , J.M.B. Vendramini, L.E. Sollenberger, M.L.A. Silveira, J.C.B. Dubeux, Jr., F. Kuwahara, Ul Cecato, J.K. Yarborough, F.C.L. de Oliveira, and C.V.S. Filho. 2016. Regrowth interval and cultivar effects on herbage accumulation and in situ disappearance of perennial peanut. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
107. Sanchez, J.M.D.† , J.M.B. Vendramini, L.E. Sollenberger, M.L.A. Silveira, J.C.B. Dubeux, Jr., J.K. Yarborough, U. Cecato, F. Kuwahara, F.C.L. de Oliveira, and C.V.S. Filho. 2016. Evaluation of seeding strategies of bahiagrass and pinto peanut on pasture establishment. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
108. Santana, S.S.* , L.S. da Silva, M.O. Bauer, M.M. Kohmann, M.K. Mullenix, L.E. Sollenberger, L.S.B. Moreno, J.M.B. Vendramini, and M.L.A. Silveira. 2016. Soil carbon dynamics and aggregate size fractions of legume- or grass-N-based forage-livestock systems defoliated by grazing or clipping. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
109. Santos, E.R.S.† , J.C.B. Dubeux, Jr., C. Mackowiak, J. Shirley, A. Blount, L.E. Sollenberger, N. DiLorenzo, and R.C. Menezes. 2016. Nitrogen dynamics in bahiagrass-rhizoma peanut mixtures in contrast with their monocultures. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
110. Santos, E.R.S.† , J.C.B. Dubeux, Jr., C. Mackowiak, J. Shirley, A. Blount, L.E. Sollenberger, N. DiLorenzo, and T. Pereira. 2016. Bahiagrass-perennial peanut mixtures as an alternative to attenuate nitrogen fertilization in hay fields. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
111. Stenklyft, E.* , L.E. Sollenberger, M.M. Kohmann, J.C.B. Dubeux, Jr., and J.M.B. Vendramini. 2016. Grazing management affects Ecoturf rhizoma peanut forage performance and canopy structure. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
112. Yarborough, J.K. † , J.M.B. Vendramini, M.L.A. Silveira, L.E. Sollenberger, R.G. Leon, J.M.D. Sanchez, F. Kuwahara, U. Cecato, F.C.L. de Oliveira, and C.V.S. Filho. 2016.

- Potassium fertilization effects on bahiagrass herbage accumulation, nutritive value, and tissue K concentration. ASA/CSSA/SSSA National Meeting Abstracts, Phoenix, AZ.
113. Dubeux, J.C.B., Jr., L.E. Sollenberger, A. Blount, C. Mackowiak, E.R.S. Santos, H.M.S. Silva, and M.R. Moreno. 2015. Biological N₂-fixation and performance of cool-season legumes mixed with annual ryegrass. American Society of Animal Sciences Annual Meeting Abstracts. Orlando, FL.
 114. Erickson, J.E., M.L.A. Silveira, R.G. Leon, D. Quadros. J. Reyes-Cabrera, and L.E. Sollenberger. 2015. Can biochar and fermentation residual enhance biomass and soil carbon in elephantgrass grown for bioenergy? Annual Meeting Abstracts ASA/CSSA/SSSA. Minneapolis, MN.
 115. Kohmann, M.M.*, L.E. Sollenberger, J.C.B. Dubeux Jr., and L.S.B. Moreno. 2015. Legume proportion in mixed-species swards affects litter decomposition and nutrient release rates. Annual Meeting Abstracts ASA/CSSA/SSSA. Minneapolis, MN.
 116. Moreno, L.S.B.*, K.J. Boote, L.E. Sollenberger, M.M. Kohmann, and D.N.L. Pequeno. 2015. Shade and nitrogen effects on regrowth dynamics, partitioning, and herbage production of Jiggs bermudagrass and Mulato-2 brachiaria hybrid. Annual Meeting Abstracts ASA/CSSA/SSSA. Minneapolis, MN.
 117. Sanchez, J.M.D.[†], J.M.B. Vendramini, M.L.A. Silveira, L.E. Sollenberger, J.C.B. Dubeux, Jr., P. Lancaster, F. Kuwahara, U. Cecato, J.K. Yarborough, and V. C. Gomes. 2015. Forage characteristics of bermudagrass pastures mixed with pintoi peanut and grazed at different stubble heights. Annual Meeting Abstracts ASA/CSSA/SSSA. Minneapolis, MN.
 118. Santos, E.R.S.[†], J.C.B. Dubeux, Jr., L.E. Sollenberger, M.M. Kohmann, S. Pope, H.M.S. Silva. 2015. Cool season grass-legume mixtures in North Central Florida. American Society of Animal Sciences Annual Meeting Abstracts. Orlando, FL.
 119. Silva, V.J. da, L.E. Sollenberger, C.G.S. Pedreira, J.I. Yasuoka, L. Severino da Silva, and M.P. Alonso. 2015. Leaf and canopy carbon assimilation rates of 'Mulato II' brachiariagrass (Convert HD 364®) in response to canopy height and growth rate. Annual Meeting Abstracts ASA/CSSA/SSSA. Minneapolis, MN.
 120. Vendramini, J.M.D., L.E. Sollenberger, V.C. Gomes, F.A. Kuwahara, J.M.D. Sanchez, F.C. L. Oliveira, J.C.D. Ralston, and D.P. da Silva. 2015. Characterization of stockpiled limpograss swards under grazing. Annual Meeting Abstracts ASA/CSSA/SSSA. Minneapolis, MN.
 121. Yarborough, J.K, J.M.B. Vendramini, M.L. Silveira, L.E. Sollenberger, R. Leon, F.A. Kuwahara, and J.M.D. Sanchez. 2015. Effects of K and N fertilization effects on 'Jiggs' bermudagrass herbage accumulation, root and rhizome mass, and tissue K concentrations. Annual Meeting Abstracts ASA/CSSA/SSSA. Minneapolis, MN.

122. Castillo, M.S., L.E. Sollenberger, A.R. Blount, J.A. Ferrell, M.J. Williams, and C.L. Mackowiak. 2014. Grazing management affects performance of strip-planted rhizoma peanut in bahiagrass pasture. Annual Meeting Abstracts ASA/CSSA/SSSA. Long Beach, CA.
123. Erickson, J.E., R.G. Leon, M.L. Silveira, L.E. Sollenberger, D. Quadros, and L. Ingram. 2014. Direct effects of converting conventional cropping systems to bioenergy cropping systems on ecosystem services. Annual Meeting Abstracts ASA/CSSA/SSSA. Long Beach, CA.
124. Erickson, J.E., R.G. Leon, L.E. Sollenberger, M.L. Silveira, and L.O. Ingram. 2014. Direct effects of converting conventional cropping systems to biofuel cropping systems on ecosystem services for the southeastern U.S.A. p. 71. USDA-NIFA. Sustainable Bioenergy PD.
125. Silveira, M.L., S. Xu, G. Buonadio, L.E. Sollenberger, K.S. Inglett, and S. Gerber. 2015. Grazingland intensification impacts on soil organic carbon aggregate distribution in subtropical ecosystems. Annual Meeting Abstracts ASA/CSSA/SSSA. Long Beach, CA.
126. Singh, M.P., J.E. Erickson, K.R. Woodard, L.E. Sollenberger, J.M.B. Vendramini, and R.A. Gilbert. 2014. Mineral composition and removal of six perennial grasses grown for bioenergy in the southeastern USA. Annual Meeting Abstracts ASA/CSSA/SSSA. Long Beach, CA.
127. Sollenberger, L.E. 2014. Challenges, opportunities, and applications of grazing research: The big picture. Annual Meeting Abstracts ASA/CSSA/SSSA. Long Beach, CA.
128. Wallau, M.O., L.E. Sollenberger, J.M.B. Vendramini, K.H. Quesenberry, N. DiLorenzo, A.D. Aguiar, O.F.R. Cunha, and P.D.S. Ferreira. 2014. In situ crude protein and dry matter disappearance of stockpiled limpgrass. Annual Meeting Abstracts ASA/CSSA/SSSA. Long Beach, CA.
129. Adewopo, J.B. †, M.L. Silveira, S. Gerber, L.E. Sollenberger, T. Martin, and S. Xu. 2013. Impacts of management intensification on soil carbon stocks in subtropical grasslands. In 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
130. Castillo, M.S.*, L.E. Sollenberger, A.R. Blount, J.A. Ferrell, M.J. Williams, and C.L. Mackowiak. 2013. Seedbed preparation techniques and weed control strategies for strip-planting rhizoma peanut into bahiagrass pastures. In 2013 Annual Meeting Abstracts ASA/CSSA/SSSA, Tampa, FL.
131. Chase, C., Y. López, K. Woodard, K. Chamusco, M. Giurcanu, M. Gallo, L. Sollenberger. 2013. The genetic relationships of naturalized and cultivated napiergrass (*Pennisetum purpureum* Schum.) revealed by microsatellite markers from pearl millet [*Pennisetum glaucum* (L.) R.BR.]. p. 53. In Southeastern Conference Symposium Abstracts. Atlanta, GA.

132. Erickson J.E., L.E. Sollenberger, M. Silveira, R. **Leon**, D. Quadros, and L.O. Ingram. 2013. Direct effects of converting conventional cropping systems to biofuel cropping systems on ecosystem services for the southeastern USA. p. 53. In: D.A. Dierig, and M.T. Berti (eds.), 25th Annual AAIC Meeting. Industrial Crops: Developing Sustainable Solutions. Washington, DC.
133. Fedenko, J. †, J. Erickson, L. Sollenberger, R. Gilbert, J. Vendramini, and Z. Helsel. 2013. Biomass composition and theoretical ethanol potential of six tall grass species grown in Florida. p. 56. *In* Southeastern Conference Symposium Abstracts. Atlanta, GA.
134. Liang, Xi †, J.E. Erickson, M.L. Silveira, L.E. Sollenberger, D.L. Rowland, and W. Vermerris. 2013. Root biomass production and decomposition of perennial bioenergy grasses in the southeastern USA. In 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
135. Mullenix, M.K.* , L.E. Sollenberger, A.R. Blount, M.S. Castillo, J.M.B. Vendramini, and M.L. Silveira. 2013. Establishment and spread of rhizoma peanut genotypes strip-planted in bahiagrass swards. *In* 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
136. Mullenix, M.K.* , L.E. Sollenberger, A.R. Blount, M.S. Castillo, J.M.B. Vendramini, and M. L. Silveira. 2013. Growth habit of rhizoma peanut cultivars affects establishment and spread when strip-planted in bahiagrass sod. *In* Proc. American Forage and Grassland Council. Covington, KY.
137. Mullenix, M.K.* , L.E. Sollenberger, A.R. Blount, M.O. Wallau, J.M.B. Vendramini, and M.L. Silveira. 2013. Effects of grazing management strategies on sward responses of rhizoma peanut genotypes. In 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
138. Mullenix, M.K.* , L.E. Sollenberger, D. Rowland, A.R. Blount, J.M.B. Vendramini, M.L. Silveira, and A. Vaccaro. 2013. Sward responses of rhizoma peanut genotypes under a range of grazing management strategies. *In* Southern Section Amer. Soc. Anim. Sci. Abstracts. Orlando, FL.
139. Na, C.* , L.E. Sollenberger, J.E. Erickson, K.R. Woodard, M.L. Silveira, J.M.B. Vendramini. 2013. Composition and ethanol yield potential of perennial bioenergy grasses for the southeast USA. *In* Southeastern Conference Symposium Abstracts. Atlanta, GA.
140. Na, C.* , L. E. Sollenberger, J.E. Erickson, J.M.B. Vendramini, M.L. Silveira, M. O. Wallau, and K.R. Woodard. 2013. Seasonal changes in nitrogen and fiber fraction concentrations of warm-season perennial bioenergy grasses in the USA Gulf Coast region. *In* 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
141. Silveira, M.L., J.M.B. Vendramini, and L.E. Sollenberger. 2013. Use of warm-season grasses managed as bioenergy crops for phytoremediation of P in P-enriched soils. In 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.

142. Silveira, M.L., J.M.B. Vendramini, and L.E. Sollenberger. 2013. Bioenergy cropping as an alternative to remediate P in P-enriched soils. *In* Southern Section Amer. Soc. Agron. Abstracts. Orlando, FL.
143. Singh, M., J.E. Erickson, L.E. Sollenberger, K.R. Woodard, J.M. Vendramini, and J.R. Fedenko. 2013. Mineral composition and biomass partitioning of sweet sorghum grown for bioenergy in the southeastern USA. *In* 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
144. Sollenberger, L.E., J.E. Erickson, K.R. Woodard, J.M.B. Vendramini, C. Na, and J.R. Fedenko. 2013. Challenges and opportunities for use of grasses as biomass feedstocks in the southeast United States. p. 23. *In* Southeastern Conference Symposium Abstracts. Atlanta, GA.
145. Vendramini, J.M.B., L.E. Sollenberger, K.H. Quesenberry, A. Blount, A.D. Aguiar, W.L. da Silva, J.D. Sanchez, L. Galzerano, and M.O. Wallau. 2013. Limpograss breeding line responses to grazing frequency in South Florida. *In* 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
146. Wallau, M.O.*, L.E. Sollenberger, K.H. Quesenberry, J.M.B. Vendramini, and M.K. Mullenix. 2013. Evaluation of limpograss lines for use in Florida forage-livestock systems. *In* 2013 Annual Meeting Abstracts ASA/CSSA/SSSA. Tampa, FL.
147. Aguiar, A.D.*, J.M.B. Vendramini, L.E. Sollenberger, A. Valente, P. Salvo, and M. Castillo. 2012. Effects of stocking rate on 'Jiggs' bermudagrass forage characteristics and animal performance. *In* ASA/CSSA/SSSA Abstracts. Cincinnati, OH.
148. Baseggio, M. †, Y.C. Newman, C. Fraisse, L.E. Sollenberger, and T. Obreza. 2012. Planting rate effects on establishment of Tifton 85 bermudagrass propagated through stolons. *In* 2012 ASA/CSSA/SSSA Abstracts. Cincinnati, OH.
149. Baseggio, M. †, Y.C. Newman, C. Fraisse, L.E. Sollenberger, and T. Obreza. 2012. Management practices to improve establishment of Tifton 85 bermudagrass. *In* American Forage and Grassland Council (AFCG) Annual Conference. Louisville, KY.
150. Castillo, M.S.*, L.E. Sollenberger, A.R. Blount, J.A. Ferrell, M.J. Williams, and C.L. Mackowiak. 2012. Year-of-establishment utilization options and second-year grazing management effects on strip-planted rhizoma peanut in bahiagrass pastures. *In* 2012 ASA-CSSA-SSSA Agronomy Abstracts. Cincinnati, OH.
151. Castillo, M.S.*, L.E. Sollenberger, J.A. Ferrell, A.R. Blount, A.D. Aguiar, C. Na, M.J. Williams, and C.L. Mackowiak. 2012. Land-preparation techniques and weed-competition control strategies for successful establishment of strip-planted rhizoma peanut in bahiagrass pastures. *In* 2012 ASA-CSSA-SSSA Agronomy Abstracts. Cincinnati, OH.
152. Castillo, M.S.*, L.E. Sollenberger, A.R. Blount, J.A. Ferrell, M.J. Williams and C.L. Mackowiak. 2012. Strategies to control weed competition in strips planted to rhizoma

- peanut in existing bahiagrass pastures. In 2012 Southern Pasture and Forage Crop Improvement Conference Abstracts. San Juan, Puerto Rico.
153. Castillo, M.S.*, L.E. Sollenberger, J.E. Erickson, C. Na, J.R. Fedenko. 2012. Alternative sources of nutrients for the production of lignocellulosic bio-energy crops. International Biofuels Crops Conference, Quito, Ecuador.
 154. Fedenko, J.R. †, J.E. Erickson, L.E. Sollenberger, J.M.B. Vendramini, R.A. Gilbert, K.R. Woodard, and L.O. Ingram. 2012. Biofuel potential of perennial grasses across Florida. 2012 Power Up Energy Exposition, Pensacola Beach, FL.
 155. Fedenko, J. †, J.E. Erickson, L.E. Sollenberger, J.M.B. Vendramini, R.A. Gilbert, K.R. Woodard, and L.O. Ingram. 2012. Biofuel potential of perennial grasses across Florida. In Florida Energy Summit Abstracts, 15-17 August 2012. Orlando, FL.
 156. Gerardo-Cuervo, H.*, L.E. Sollenberger, and K.R. Woodard. 2012. Evaluation of mechanisms of spread and control strategies for elephantgrass (*Pennisetum purpureum*). In ASA/CSSA/SSSA, Cincinnati, OH.
 157. Krueger, N.*, L.E. Sollenberger, N.L. Santos, A.G. Costa, J.M.B. Vendramini, A.R. Blount, A.T. Adesogan. 2012. Mixed grazing by cattle and goats for the control of broadleaf weeds in rhizoma peanut-grass pastures. In ASA/CSSA/SSSA, Cincinnati, OH.
 158. Liang, X. †, J.E. Erickson, W.E. Vermerris, D.L. Rowland, L.E. Sollenberger, and M.L. Silveira. 2012. Growth, yield, and water relations of sorghum genotypes differing in root architecture under deficit irrigation. In ASA/CSSA/SSSA, Cincinnati, OH.
 159. Mullenix, M.K.*, L.E. Sollenberger, A.R. Blount, M.S. Castillo, J.M.B. Vendramini, and M.L. Silveira. 2012. Growth habit of rhizoma peanut cultivars affects establishment and spread when strip-planted in bahiagrass sod. In ASA/CSSA/SSSA, Cincinnati, OH.
 160. Na, Chaen*, L.E. Sollenberger, J.E. Erickson, K.R. Woodard, M.L. Silveira, and J.M.B. Vendramini. 2012. Harvest management effects on yield, composition, and nitrogen dynamics of perennial bioenergy grasses. In ASA/CSSA/SSSA, Cincinnati, OH.
 161. Na, C.*, L.E. Sollenberger, J.E. Erickson, and K.R. Woodard. 2012. Effect of harvest frequency and timing on perennial bioenergy grass yield and composition in Florida. In Florida Energy Summit Abstracts, 15-17 August 2012. Orlando, FL.
 162. Sollenberger, L.E. 2012. The future of grazing research. In ASA/CSSA/SSSA, Cincinnati, OH.
 163. Vendramini, J.M.B., L.E. Sollenberger, G.C. Lamb, M.L. Silveira, and B.A. Sellers. 2012. Evaluation of the potential invasiveness of Mulato grass in Florida. 48th Caribbean Food Crops Society Annual Meeting, Quintana Roo, Mexico.

164. Vendramini, J.M.B., A.T. Adesogan, L.E. Sollenberger, A.D. Aguiar, A. Valente, and P. Salvo. 2012. Effects of DM concentration and inoculants on Jiggs and Tifton 85 bermudagrass silage. American Soc. Anim. Sci. and American Dairy Sci. Soc. National Meeting Abstracts. Phoenix AZ.
165. Vendramini, J.M.B., J.D. Arthington, and L.E. Sollenberger. 2012. Effects of three levels of rumen-degradable protein supplementation on performance of early weaned calves receiving stargrass. American Soc. Anim. Sci. and American Dairy Sci. Soc. National Meeting Abstracts. Phoenix AZ.
166. Wallau, M.O.*, L.E. Sollenberger, K.H. Quesenberry, and J.M.B. Vendramini. 2012. A low-cost approach to evaluation of forage breeding lines under grazing and its application to limpgrass cultivar development. *In* ASA/CSSA/SSSA, Cincinnati, OH.
167. Aguiar, A.D.*, Vendramini, J.M.B., A.T. Adesogan, L.E. Sollenberger, L. Galzerano, L. Custodio, E. Alves, and G.R. Manarim. 2011. Nutritive value and fermentation parameters of 'Tifton 85' bermudagrass and 'Mulato II' brachiariagrass silage in Florida. *In* ASAS-ADSA-PSA Annual meeting. New Orleans, LA.
168. Alava, E. †, Y.C. Newman, D.L. Rowland, L.E. Sollenberger, C.R. Staples, M.C. Christman, and L. Ortega. 2011. Annual ryegrass spring removal and regrowth of Tifton 85 bermudagrass. *In* ASA/CSSA/SSSA, San Antonio, TX.
169. Alava, E. †, Y.C. Newman, L.E. Sollenberger, C.R. Staples, M.C. Christman, L. Ortega, and D. L. Rowland. 2011. Tifton 85 bermudagrass grazing management effects on performance of dairy heifers. *In* ASA/CSSA/SSSA, San Antonio, TX.
170. Castillo, M.S.*, L.E. Sollenberger, A.R. Blount, J.A. Ferrell, M.J. Williams, and C.L. Mackowiak. 2011. Strip-planting of rhizoma peanut in bahiagrass pastures to increase production and sustainability of low-input forage-livestock systems in Florida. *In* ASA/CSSA/SSSA, San Antonio, TX.
171. Castillo, M.S.*, L.E. Sollenberger, J.M.B. Vendramini, K.R. Woodard, Y.C. Newman, and G.A. O'Connor. 2011. Management of municipal biosolids as an alternative nutrient source for biomass production. p. 25-26. *In* 3rd Annual Florida Energy Systems Consortium Summit. Gainesville, FL. 27-28 Sept. 2011. Florida Energy Systems Consortium, Gainesville, FL.
172. Erickson, J.E., L.E. Sollenberger, K.R. Woodard, J.M.B. Vendramini, R.A. Gilbert, and Z.R. Helsel, 2011. Biomass yield and mineral composition of six potential perennial grass bioenergy crops for the Southeast. *In* ASA/CSSA/SSSA, San Antonio, TX.
173. Fedenko, J.R. †, J.E. Erickson, L.E. Sollenberger, L.O. Ingram, Z.R. Helsel, K.R. Woodard, J.M.B. Vendramini, and R.A. Gilbert. 2011. Biomass composition and theoretical ethanol potential of six tall grass species grown in Florida. p. 7. *In* 3rd Annual Florida Energy Systems Consortium Summit. Gainesville, FL. 27-28 Sept. 2011. Florida Energy Systems Consortium, Gainesville, FL.

174. Fedenko, J.R. †, J.E. Erickson, L.E. Sollenberger, K.R. Woodard, R.A. Gilbert, J.M.B. Vendramini, and Z.R. Helsel. 2011. Lignin and fermentable sugars of perennial biofuel crops. *In* ASA/CSSA/SSSA, San Antonio, TX.
175. Kannan, B., L.E. Sollenberger, and F. Altpeter. 2011. Genetically improved, interspecific hybrids between elephantgrass and pearl millet as feedstock for biofuel production.. p. 24. *In* 3rd Annual Florida Energy Systems Consortium Summit. Gainesville, FL. 27-28 Sept. 2011.
176. López, Y., J. Seib, C.D. Chase, L.E. Sollenberger, K.R. Woodard, and M. Gallo. 2011. Cross-Taxa microsatellite primers transferability from pearl millet (*Pennisetum glaucum* (L.) R. Br.) to elephantgrass (*Pennisetum purpureum* Schumach.). Plant/Animal Genome Conf., San Diego, CA.
177. Na, C.*, L.E. Sollenberger, J.E. Erickson, and K.R. Woodard. 2011. Seasonal changes in physiological and morphological characteristics of perennial bioenergy grasses in Florida. p. 27. *In* 3rd Annual Florida Energy Systems Consortium Summit. Gainesville, FL. 27-28 Sept. 2011. Florida Energy Systems Consortium, Gainesville, FL.
178. Na, C.*, L.E. Sollenberger, J.E. Erickson, K.R. Woodard, M. S. Castillo, M.L.A. Silveira, and J.M.B. Vendramini. 2011. Harvest frequency and timing affect perennial bioenergy grass yield and composition. *In* ASA/CSSA/SSSA, San Antonio, TX.
179. Na, C.*, L. E. Sollenberger, J.E. Erickson, K.R. Woodard, N.C. Krueger, J.M.B. Vendramini, and M.L.A. Silveira. 2011. Seasonal changes in growth and morphological characteristics of bioenergy grasses in the USA Gulf Coast Region. *In* ASA/CSSA/SSSA, San Antonio, TX.
180. Silveira, M.L., K. Liu, L.E. Sollenberger, and J.M.B. Vendramini. 2011. Short-term effects of grazing intensity and nitrogen fertilization on soil organic carbon under grazed pastures in the southeastern USA. *In* ASA/CSSA/SSSA, San Antonio, TX.
181. Sollenberger, L.E. 2011. Research approaches for comparing grazing management strategies. *In* ASA/CSSA/SSSA, San Antonio, TX.
182. Sollenberger, L.E., K.R. Woodard, J.M.B. Vendramini, C.D. Chase, Y. Lopez, M. Gallo, J. Seib, K.A. Langeland, and H. Gerardo-Cuervo. 2011. Are all elephantgrasses invasive? Characterization of natural populations and cultivated types of a bioenergy grass in Florida. *In* ASA/CSSA/SSSA, San Antonio, TX.
183. Sollenberger, L.E., K.R. Woodard, J.M.B. Vendramini, C.D. Chase, Y. Lopez, M. Gallo, J. Seib, K.A. Langeland, and H. Gerardo-Cuervo. 2011. Characterization of invasive potential of naturalized populations and cultivated types of elephantgrass, a bioenergy species for Florida. p. 14. *In* 3rd Annual Florida Energy Systems Consortium Summit. Gainesville, FL. 27-28 Sept. 2011. Florida Energy Systems Consortium, Gainesville, FL.

184. Vendramini, J.M.B., G.C. Lamb, L.E. Sollenberger, J.L. Foster, and M. Maddox. 2011. Forage characteristics and animal performance of beef heifers grazing 'Mulato II' brachiariagrass in North Florida. In: ASAS-ADSA-PSA Annual meeting, 2011. New Orleans, LA.
185. Vendramini, J.M.B., L.E. Sollenberger, A.R. Blount, A.D. Aguiar, and L. Galzerano. 2011. Grazing frequency effects on bahiagrass cultivars fertilized with low N levels. *In* ASA/CSSA/SSSA, San Antonio, TX.
186. Castillo, M.S.*, L.E. Sollenberger, J.M.B. Vendramini, and K.R. Woodard. 2010. Municipal biosolids as an alternative nutrient source for bioenergy crops. University of Florida, Institute of Food and Agricultural Sciences Bioenergy Crop Field Day. 15 July 2010, Citra, FL.
187. Erickson, J.E., L.E. Sollenberger, J.R. Fedenko, K.R. Woodard. 2010. Water use of potential tallgrass biofuel crops in Florida. 2nd University of Florida Water Institute Symposium. 24-25 Feb. 2010, Gainesville, FL.
188. Erickson J.E., L.E. Sollenberger, J.R. Fedenko, and K.R. Woodard. 2010. Water use of potential tallgrass biofuel crops in Florida. Joint Annual Meeting of the Florida State Horticultural Society and the Soil and Crop Sciences Society of Florida. 6-8 June 2010, Crystal River, FL.
189. Erickson, J.E., Z.R. Helsel, L.E. Sollenberger, J.M.B. Vendramini, K.R. Woodard, R.A. Gilbert, L.O. Ingram, and J.R. Fedenko. 2010. Sweet sorghum as a bioenergy crop for Florida. University of Florida, Institute of Food and Agricultural Sciences Bioenergy Crop Field Day. 15 July 2010, Citra, FL.
190. Erickson, J.E., Z.R. Helsel, K.R. Woodard, L.E. Sollenberger, J.M.B. Vendramini, and R.A. Gilbert. 2010. Sweet sorghum yield performance across Florida. ASA/CSSA/SSSA, Madison, WI.
191. Erickson, J.E., Z. Helsel, K.R. Woodard, L.E. Sollenberger, R.A. Gilbert, and J.M.B. Vendramini. 2010. Sweet sorghum as a potential biofuel feedstock for Florida. 2010 Farm to Fuel Summit, Orlando, FL.
192. Fedenko, J.R. †, J.E. Erickson, L.E. Sollenberger, K.R. Woodard, R.A. Gilbert, J.M.B. Vendramini, and Z.R. Helsel. 2010. Nitrogen and phosphorus removal of potential biofuel grasses. ASA/CSSA/SSSA, Madison, WI.
193. Fedenko, J.R. †, J.E. Erickson, L.E. Sollenberger, K.R. Woodard, R.A. Gilbert, Z.R. Helsel, J.M.B. Vendramini. 2010. Tissue chemistry of potential bioenergy crops. Florida Energy Systems Consortium Summit. 28-29 Sept. 2010, Orlando, FL.

194. Fedenko, J.R. †, J.E. Erickson, L.E. Sollenberger, J.M.B. Vendramini, R.A. Gilbert, L.O. Ingram, and K.R. Woodard. 2010. Yield and nutrient removal of potential tallgrass biofuel crops in Florida. University of Florida, Institute of Food and Agricultural Sciences Bioenergy Crop Field Day. July 15, Citra, FL.
195. Hesel, Z.R., J.E. Erickson, R. Gilbert, L. Ingram, L. Sollenberger, J. Vendramini, and K. Woodard. 2010. Sweet sorghum agronomic studies in south Florida. Int. Biofuels Conf. Abstract., Tegucigalpa, Honduras.
196. Korndorfer, P.H.*, R.A. Gilbert, Z.R. Hesel, J.E. Erickson, and L.E. Sollenberger. 2010. Biomass yield and fiber concentration of energycane and giant reed grown on sandy soils in Florida. ASA/CSSA/SSSA, Madison, WI.
197. Korndorfer, P.H.*, R.A. Gilbert, Z.R. Hesel, J.E. Erickson, and L.E. Sollenberger. 2010. Biomass and energy yields of perennial grasses grown on sandy soils in Florida. Abstract of Amer. Soc. Sugarcane Tech.
198. Pereira, D.R.*, L.E. Sollenberger, and A.S. Blount. 2010. Herbage accumulation, nutritive value, and tillering dynamics of bahiagrass genotypes under grazing intensities. ASA/CSSA/SSSA, Madison, WI.
199. Sollenberger, L.E., R.A. Gilbert, J.E. Erickson, Z. Hesel, K.R. Woodard, and J.M.B. Vendramini. 2010. Perennial grasses as a potential biofuel feedstock for Florida. 2010 Farm to Fuel Summit. Orlando, FL.
200. Sollenberger, L.E., K.R. Woodard, M. Gallo, C. Chase, J.M.B. Vendramini, and K. Langeland. 2010. Are Cultivated and Weed-Type Elephantgrasses the Same? University of Florida, Institute of Food and Agricultural Sciences Bioenergy Crop Field Day. 15 July 2010, Citra, FL.
201. Staples, C.R., L.E. Sollenberger, J.H. Fike, B. Macoon, and R.S. Fontaneli. 2010. Nutritional and management strategies for lactating dairy cows housed on pasture-based systems in the southeastern U.S. *J. Dairy Sci.* 93(Suppl. 1):242.
202. Vendramini, J.M.B., A.T. Adesogan, M.L.A. Silveira, L.E. Sollenberger, O.C. Queiroz, and W.E. Anderson. 2010. Nutritive value and fermentation parameters of warm-season grass silage. *In* ASAS-ADSA-PSA Annual meeting, 2010. Denver, CO.
203. Vendramini, J., L.E. Sollenberger, J.E. Erickson, F. Altpeter, M.L. Silveira, R. Gilbert, and Z. Hesel. 2010. Biomass production in Florida: Faculty, locations, and research topics. Sunbelt Expo. Moultrie, Georgia. October 2010.
204. Castillo, M.S.*, L.E. Sollenberger, J.M.B. Vendramini, K. Woodward, Y.C. Newman, and G. O'Connor. 2009. Management of municipal biosolids affects organic nitrogen mineralization and elephantgrass yield. *In*: 2009 Annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.

205. Clavijo, J.A. †, Y.C. Newman, L.E. Ortega, C. Staples, A.T. Adesogan, and L.E. Sollenberger. 2009. Incorporation of Tifton 85 greenchop in least-cost rations for Florida dairy producers. Dairy Sci. Soc. Amer. Conf.
206. Foster, J. L. †, G.C. Lamb, J.M.B. Vendramini, and L.E. Sollenberger. 2009. Forage characteristics and animal performance of beef heifers grazing ‘Mulato’ (*Brachiaria* sp.) in North-Central Florida. In: 2009 Annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
207. Lunpha, A.* , L.E. Sollenberger, J.M.B. Vendramini, and G.C. Lamb. 2009. Forage production and nutritive value of Mulato in North-Central Florida. In 2009 Annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
208. Obour, A.K. †, M.L. Silveira, J.M.B. Vendramini, L.E. Sollenberger, and G.A. O’Connor. 2009. Predicting bahiagrass response to phosphorus fertilization using tissue phosphorus concentration. In 2009 annual meeting abstracts. SCSSF, Gainesville, FL.
209. Obour, A.K. †, M.L.A. Silveira, J.M.B. Vendramini, L.E. Sollenberger, G.A. O’Connor, and J. Jawitz. 2009. Fluctuating water table effects on phosphorus release and availability from a Florida spodosol. 2009. In 2009 Annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
210. Silveira, M.L.A., X. Sui, J.M.B. Vendramini, L.E. Sollenberger, and G.A. O’Connor. 2009. Utilization of biomass and forage crops to remediate P-impacted soils in Florida. In 2009 Annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
211. Sollenberger, L.E., and E.S. Vanzant. 2009. Interrelationships between forage nutritive value and quantity in affecting animal performance. ASA/CSSA/SSSA, Madison, WI.
212. Sollenberger, L.E., E.S. Vanzant, C.T. Agouridis, A.J. Franzluebbbers, and L.B. Owens. 2009. The science of prescribed grazing as a conservation practice. American Forage and Grassland Council Meeting, Elmhurst, IL.
213. Sollenberger, L.E., A.J. Franzluebbbers, C.T. Agouridis, E.S. Vanzant, and L.B. Owens. 2009. Science behind prescribed grazing as a conservation practice. ASA/CSSA/SSSA, Madison, WI.
214. Alderman, P.D.* , K.J. Boote, and L.E. Sollenberger. 2008. Modeling the dynamics of photosynthesis and regrowth of Tifton 85 bermudagrass using CROPGRO forage. In 2008 annual meeting abstracts. ASA/CSSA/SSSA, Madison, WI.
215. Castillo, M.S.* , L.E. Sollenberger, J.M.B. Vendramini, K.R. Woodard, G.A. O’Connor, and Y.C. Newman. 2008. Municipal biosolids as a nutrient source for elephantgrass biomass production. In 2008 annual meeting abstracts. Soil Crop Sci. Soc. Fla., Gainesville, FL.

216. Castillo, M.S.*, L.E. Sollenberger, J.M.B. Vendramini, K.R. Woodard, Y.C. Newman, and G.A. O'Connor. 2008. Nutrient management of elephantgrass for biomass production using municipal biosolids. *In* 2008 annual meeting abstracts. ASA/CSSA/ SSSA, Madison, WI.
217. Inyang, U.*, J.M.B. Vendramini, L.E. Sollenberger, A.T. Adesogan, and B.E. Sellers. 2008. Effects of stocking rates on animal performance and herbage responses of Mulato (*Brachiaria* sp.) and Pensacola bahiagrass (*Paspalum notatum*) pastures. *In* 2008 annual meeting abstracts. ASA/CSSA/ SSSA, Madison, WI.
218. Liu, K.*, L.E. Sollenberger, S.M. Interrante*, and M. Castillo*. 2008. Grazing intensity and nitrogen fertilization effects on litter decomposition and mineralization on Tifton 85 bermudagrass pastures. *In* 2008 annual meeting abstracts. ASA/CSSA/ SSSA, Madison, WI.
219. Mylavarapu, R.S., T.A. Obreza, K.T. Morgan, P.J. Hogue, and L.E. Sollenberger. 2008. New diagnostic nutrient testing protocols for citrus and grazed bahiagrass pastures. *In* 2008 annual meeting abstracts. SCSSF, Gainesville, FL.
220. Nair, V.D., W.G. Harris, and L.E. Sollenberger. 2008. A new tool combining assessment of environmental risk and optimal agronomic application of phosphorus. *In* 2008 annual meeting abstracts. ASA/CSSA/SSSA, Madison, WI.
221. Saraiva, T.*, J.M.B. Vendramini, L.E. Sollenberger, U. Inyang*, R. Farias, and J.D. Arthington. 2008. Effects of three levels of rumen degradable protein supplementation on performance of early weaned calves grazing stargrass and receiving soybean hulls. *In* ASAS-ADSA-PSA Annual Meeting, Indianapolis, IN.
222. Saraiva, T.*, J.M.B. Vendramini, L.E. Sollenberger, U. Inyang*, R. Farias, and J.D. Arthington. 2008. Effects of rumen degradable protein supplementation on forage intake and digestibility of early weaned beef calves consuming stargrass hay and receiving soybean hull supplementation. *In* ASAS-ADSA-PSA Annual Meeting, 2008. Indianapolis, IN.
223. Sollenberger, L.E. 2008. Ecosystem services of Florida grasslands. p. 155. *In* A Conference on Ecosystem Services Book of Abstracts, 8-11 Dec. 2008, Naples, FL.
224. Alderman, P.D.*, K.J. Boote, and L.E. Sollenberger. 2007. Effects of nitrogen fertilization on the dynamics of regrowth and yield for Tifton 85 bermudagrass. *In* 2007 annual meeting abstracts. SCSSF, Gainesville, FL.
225. Alderman, P.*, K.J. Boote, and L.E. Sollenberger. 2007. Regrowth and Canopy Assimilation Dynamics of Tifton 85 Bermudagrass as Affected by Nitrogen Fertilization. *In* 2007 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
226. Interrante, S.M.*, L.E. Sollenberger, and A.R. Blount. 2007. Bahiagrass genotype responses to defoliation frequency and intensity. *In* 2007 annual meeting abstracts. SCSSF, Gainesville, FL.

227. Interrante, S.M.* , L.E. Sollenberger, and A.R. Blount. 2007. Bahiagrass genotype yield and tiller responses to defoliation frequency and intensity. *In* 2007 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
228. Interrante, S.M.* , L.E. Sollenberger, A.R. Blount, and U.R. White*. 2007. Bahiagrass genotype persistence responses to defoliation frequency and intensity. *In* 2007 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
229. Liu, K.* , L.E. Sollenberger, S.M. Interrante*, and U.R. White*. 2007. Grazing intensity and frequency effects on herbage accumulation and nutritive value of Tifton 85 bermudagrass. *In* 2007 annual meeting abstracts. ASA, CSSA, SSSA, Madison, WI.
230. Newman, Y.C., J.M. Scholberg, M.B. Adjei, and L.E. Sollenberger. 2007. Phosphorus removal capacity of forages used on South Florida dairies. *J. Anim. Sci.* 85 (Supplement 1).
231. White, U.R.* , L.E. Sollenberger, K.R. Woodard*, D.A. Graetz, Y.C. Newman, and J.M.B. Vendramini. 2007. Type and frequency of excreta application to bahiagrass swards affects plant responses. *In* 2007 annual meeting abstracts. SCSSF, Gainesville, FL.
232. White, U.R.* , L.E. Sollenberger, K.R. Woodard, D.A. Graetz, Y.C. Newman, J.M.B. Vendramini, and S.M. Interrante. 2007. Type and frequency of excreta application to bahiagrass swards affects herbage yield and nutritive value. *In* 2007 annual meeting abstracts. ASA/CSSA/SSSA, Madison, WI.
233. Dubeux, J.C.B., Jr.* , L.E. Sollenberger, J.M.B. Vendramini, S.M. Interrante, R.L. Stewart, Jr., and C.J. Choate. 2006. Lotaç o rotacionada com curtos períodos de pastejo melhora distribuiç o de excreta na pastagem. In: S. Gonzaga Neto et al. (ed.) Annual meeting of the Brazilian Animal Science Society, 43rd, 2006. SBZ/UFPB, 2006. (CD-ROM).
234. Foster, J.L. †, A.T. Adesogan, J.N. Carter, L.E. Sollenberger, R.O. Myer, A. Blount, A. Hughes, M. Huisden, J. Eckert, and N. Krueger. 2006. Warm-season legume or concentrate supplementation effects on the performance of lambs. *In* 2006 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
235. Interrante, S.M.* , L.E. Sollenberger, A.R. Blount, T.R. Sinclair, J.C.B. Dubeux, Jr.* , J.M.B. Vendramini*, and K. Liu*. 2006. Daylength and bahiagrass genotype affect herbage accumulation and rhizome and root mass. *In* 2006 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
236. Mayo. D.E., A.M. Andreasen, J.D. Atkins, D.L. Bennett, A. Blount, B.J. Brecke, K.S. Campbell, G.R. Edmondson, S.D. Eubanks, J.A. Ferrell, H.G. Grant, L.A. Heitmeyer, L. Johnson, C.L. Mackowiak, L. Muralles, L.E. Sollenberger, R.K. Sprenkel, P. Vergot, B.H. Ward, and C. Simon. 2006. Interactive video pasture management school. EPAF 2006 Abstracts. 20:19.

237. Chikagwa-Malunga, S.K. †, A.T. Adesogan, N.K. Krueger, D.B. Dean, and L.E. Sollenberger. 2005. Effect of maturity of harvest on the nutritive value and biomass yield of *Mucuna pruriens*. *J. Anim. Sci.* 83 (Suppl. 1):151.
238. Dubeux, J.C.B. Jr.* , L.E. Sollenberger, J.B. Sartain, and S. Interrante. 2005. Iron and sulphur fertilization of Pensacola bahiagrass (*Paspalum notatum* Flugge). *Soil Crop Sci. Soc. Fla. Proc.* 64:118.
239. Interrante, S.M.* , L.E. Sollenberger, A. Blount, T. Sinclair, J. Dubeux, and J.M.B. Vendramini*. 2005. Shoot and root responses of bahiagrass genotypes to extended daylength and fertilization. *In 2005 annual meeting abstracts [CD-ROM]*. ASA, CSSA, SSSA, Madison, WI.
240. Sollenberger, L.E., J.C.B. Dubeux, Jr., R.L. Stewart, Jr., J.M.B. Vendramini, and S.M. Interrante. 2005. Does grazing method matter? *In 2005 annual meeting abstracts [CD-ROM]*. ASA, CSSA, SSSA, Madison, WI.
241. Vendramini, J.M.B.* , L.E. Sollenberger, J.D. Arthington, A.T. Adesogan, J.C.B. Dubeux, Jr., S. Interrante, and R.L. Stewart, Jr.. 2005. In situ N disappearance of 'Tifton 85' bermudagrass fertilized with different N rates. *In 2005 annual meeting abstracts [CD-ROM]*. ASA, CSSA, SSSA, Madison, WI.
242. Arthington, J.D., S. Galindo-Gonzalez, J.M.B. Vendramini, R.S. Kalmbacher, P. Mislevy, L.E. Sollenberger, and I. Yoon. 2004. Effects of supplemental yeast fermentation product on early-weaned calf performance while grazing winter ryegrass and summer stargrass pastures. *In 2004 American Society of Animal Sciences Abst.*
243. Dubeux, J.C. B., Jr.* , L.E. Sollenberger, R.L. Stewart, Jr., J.M.B. Vendramini, S. Interrante, and M. Grise. 2004. Litter deposition and degradation in bahiagrass pastures managed at a range of intensities. *In 2004 annual meeting abstracts [CD-ROM]*. ASA, CSSA, SSSA, Madison, WI.
244. Dubeux, J.C. B., Jr.* , L.E. Sollenberger, J.M.B. Vendramini, R.L. Stewart, Jr., S. Interrante, and M. Grise. 2004. Litter disappearance in bahiagrass pastures managed at a range of intensities. *In 2004 annual meeting abstracts [CD-ROM]*. ASA, CSSA, SSSA, Madison, WI.
245. Interrante, S.M.* , M. Grise, J.C.B. Dubeux, Jr., L.E. Sollenberger, and J.M.B. Vendramini. 2004. Nutrient pools in bahiagrass pastures under different management practices. *In 2004 annual meeting abstracts [CD-ROM]*. ASA, CSSA, SSSA, Madison, WI.
246. Newman, Y.C.* , A. Hernández Garay, L.E. Sollenberger, C.R. Staples, and C.G.S. Pedreira. 2004. Florigraze and Arbrook rhizoma peanut as pasture for growing Holstein heifers. *In 2004 Southern Branch American Soc. Agron. Abstr.*, Biloxi, MS.

247. Rouquette, M., G.E. Aiken, L.E. Sollenberger, and G. Hill. 2004. Grazing research: Are we properly stocked? *In* 2004 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
248. Sollenberger, L.E. 2004. Grazing research and education: Scientists, science, funding, and relevance. *In* 2004 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
249. Stewart, R.L., Jr.*, L.E. Sollenberger, J.C.B. Dubeux, Jr., and J.M.B. Vendramini. 2004. Herbage and animal performance responses to management intensity of continuously stocked bahiagrass pastures. *In* 2004 American Society of Animal Sciences Abst.
250. Vendramini, J.M.B.*, C.M. Haddad, and L.E. Sollenberger. 2004. Mineral concentration of Tifton 9 bahiagrass at various ages of regrowth. *In* 2004 Soil Crop Sci. Soc. Fla. Proc.
251. Vendramini, J.M.B.*, L.E. Sollenberger, J.D. Arthington, and J.C.B. Dubeux, Jr.. 2004. Forage intake and performance of early weaned calves grazing rye-ryegrass pastures and receiving three levels of supplement. *In* 2004 Southern Branch American Soc. Anim Sci. Abstr., Tulsa, OK.
252. Vendramini, J.M.B.*, L.E. Sollenberger, J.D. Arthington, J.C.B. Dubeux, Jr.*, and S. Interrante. 2004. Performance of early weaned calves grazing Tifton 85 (*Cynodon dactylon*) and receiving three levels of concentrate. *In* 2004 American Society of Animal Sciences Abst.
253. Vendramini, J.M.B.*, L.E. Sollenberger, J.D. Arthington, J.C.B. Dubeux, Jr., and S. Interrante. 2004. Supplementation rate effects on performance of early weaned calves grazing cool- and warm-season grasses. *In* 2004 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
254. Vendramini, J.M.B.*, L.E. Sollenberger, J.D. Arthington, J.C.B. Dubeux, Jr., and S. Interrante. 2004. Herbage accumulation, nutritive value, and botanical composition of over-seeded rye-annual ryegrass mixtures. *In* 2004 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
255. Dubeux, J.C.B., Jr.*, L.E. Sollenberger, R.L. Stewart, Jr., J.M.B. Vendramini. 2003. Grazing animal behavior and soil nutrient redistribution for different pasture management strategies. *In* 2003 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
256. Dubeux, J.C.B., Jr.*, L.E. Sollenberger, R.L. Stewart, Jr., and J.M.B. Vendramini. 2003. Forage responses to different management intensities and stocking methods on Pensacola bahiagrass pastures. *In* 2003 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
257. Vendramini, J.M.B.*, J.D. Arthington, L.E. Sollenberger, R.S. Kalmbacher, and P. Mislevy. 2003. Performance of early-weaned calves grazing stargrass (*Cynodon nlemfuensis*) and

- atrapaspalum (*Paspalum atratum*) pastures during summer. p. 16. *In* 2003 Southern Branch American Soc. Agron. Abstr., Orlando, FL.
258. Vendramini, J.M.B.*, L.E. Sollenberger, J.D. Arthington, J.C.B. Dubeux, Jr., and R.L. Stewart, Jr.. 2003. Supplementation rate effects on performance of early weaned calves grazing rye-ryegrass pastures. *In* 2003 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
259. Newman, Y.C.*, L.E. Sollenberger, A.M. Fox, and C.G. Chambliss. 2002. Canopy height effects on vaseygrass and bermudagrass invasion of limpograss pastures. p. 16. *In* 2002 Southern Branch American Soc. Agron. Abstr., Orlando, FL.
260. Newman, Y.C.*, L.E. Sollenberger, K.J. Boote, M.B. Hall, and L.H. Allen. 2002. Carbon dioxide and temperature effects on chemical composition of rhizoma peanut herbage. *In* 2002 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
261. Newman, Y.C.*, L.E. Sollenberger, A.M. Fox, and C.G. Chambliss. 2002. Grazing height of limpograss pastures affects invasion by vaseygrass and bermudagrass. *In* 2002 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
262. Stewart, R.L., Jr.*, L.E. Sollenberger, and J.C.B. Dubeux, Jr.. 2002. Management intensity effects on animal performance and herbage responses in bahiagrass pastures. *In* 2002 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
263. Boken, S.L., C.R. Staples, L.E. Sollenberger, W.W. Thatcher, and P.J. Hansen. 2001. Effect of housing and fat supplementation on reproduction and productivity of Holstein cows in early lactation. *J. Dairy Sci.* 84 (Suppl. 1):350.
264. Macoon, B*, L.E. Sollenberger, J.E. Moore, C.R. Staples, and J.H. Fike. 2001. Techniques for estimating forage intake of dairy cows on pasture. *In* 2001 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
265. Newman, Y.C.*, L.E. Sollenberger, W.E. Kunkle, and D.B. Bates. 2001. Crude protein fractionation and degradation parameters of limpograss at different grazing heights. *In* 2001 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
266. Nyambati, E.M.*, L.E. Sollenberger, C.K. Hiebsch, D.M. Sylvia, and S.C. Rono. 2001. Nitrogen contribution from relay-cropped mucuna and lablab to maize in northwestern Kenya. *In* 2001 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
267. Sollenberger, L.E. 2001. Variable stocking rate grazing trials: Is there an objective basis for comparing forage species? *In* 2001 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.

268. Woodard, K.R.*, L.E. Sollenberger, D.A. Graetz, B. Macoon, and L.A. Sweat. 2001. Broiler litter and ammonium nitrate as N sources for bermudagrass in a Suwannee River watershed. *In* 2001 annual meeting abstracts [CD-ROM]. ASA, CSSA, SSSA, Madison, WI.
269. Burns, J.C., and L.E. Sollenberger. 2000. Grazing behavior of ruminants and daily performance. p. 174. *In* 2000 Agronomy abstracts. ASA, Madison, WI.
270. French, E.C., K.R. Woodard, D.A. Graetz, L.E. Sollenberger, and B. Macoon. 2000. Utilization of dairy waste effluent irrigation in year-round cropping systems. III. Forage removal and leaching patterns of P. p. 50. *In* 2000 Agronomy abstracts. ASA, Madison, WI.
271. Macoon, B.*, K.R. Woodard, L.E. Sollenberger, E.C. French, and D.A. Graetz. 2000. Utilization of dairy waste effluent irrigation in year-round cropping systems. I. Forage yield and nutritive value. p. 49. *In* 2000 Agronomy abstracts. ASA, Madison, WI.
272. Newman, Y.C.*, L.E. Sollenberger, W.E. Kunkle, D.B. Bates, A.M. Fox, and C.G. Chambliss. 2000. Stubble height and N supplementation effects on limpograss pasture characteristics and cattle weight gain. p. 177. *In* 2000 Agronomy abstracts. ASA, Madison, WI.
273. Woodard, K.R.*, E.C. French, D.A. Graetz, L.E. Sollenberger, and B. Macoon. 2000. Utilization of dairy waste effluent irrigation in year-round cropping systems. II. Forage N removal and nitrate leaching patterns. p. 50. *In* 2000 Agronomy abstracts. ASA, Madison, WI.
274. Fike, J.H.*, C. R. Staples, L. E. Sollenberger, and O. A. Carrijo, Jr. 1999. Influence of Posilac and housing management on performance of lactating Holstein cows grazing Tifton 85 bermudagrass pastures. *J. Dairy Sci.* 82 (Suppl. 1):42.
275. Fontaneli, R.S.*, L.E. Sollenberger, and C.R. Staples. 1999. Dairy cow performance on year-round forage systems for grazing. *Agron. Abst.* p. 145.
276. Newman, Y.C.*, K.J. Boote, L.E. Sollenberger, and L.H. Allen, Jr. 1999. Carbon dioxide, temperature, and N effects on yield and chemical composition of bahiagrass and rhizoma peanut. *Agron. Abst.* p. 93.
277. Sollenberger, L.E., G.F. Lima, W.E. Kunkle, J.E. Moore, J.F. Holderbaum, and A.C. Hammond. 1999. Cattle weight gain and sward-animal nitrogen relationships in grazed limpograss pastures. *Agron. Abst.* p. 150.
278. Valencia, E.*, M.J. Williams, L.E. Sollenberger, C.C. Chase, Jr., A.C. Hammond, R.S. Kalmbacher, and W.E. Kunkle. 1999. Effect of N fertilization and stocking rate on growth and development of bulls on mixed rhizoma perennial peanut-tropical grass swards. p. 84. *In* J.M. Phillips (ed.) *Amer. Forage Grassl. Proc.*, Vol. 8. 21-26 Feb. 1999, Omaha, NE. Amer. Forage Grassl. Council, Georgetown, TX.

279. Fontaneli, R.S.*, L.E. Sollenberger, and C.R. Staples. 1998. Forage distribution and nutritive value of intensively managed pearl millet and sorghum-sudangrass. *Agron. Abst.* p. 106-107.
280. Macoon, B.*, L.E. Sollenberger, C.R. Staples, J.E. Moore, and J.H. Fike*. 1998. Grazing management, season, and coat color effects on grazing behavior and performance of lactating dairy cows. *Agron. Abst.* p. 148.
281. Newman, Y.C.*, K.J. Boote, L.E. Sollenberger, and L.H. Allen. 1998. Carbon dioxide and temperature effects on growth, herbage yield, and chemical composition of bahiagrass and perennial peanut forages. *Agron. Abst.* p. 96.
282. Pedreira, C.G.S.*, L.E. Sollenberger, and P. Mislevy. 1998. Performance of yearling cattle grazing 'Tifton 85' and 'Florakirk' bermudagrasses. *Agron. Abst.* p. 150.
283. Fike, J.H.*, C.R. Staples, B. Macoon, and L.E. Sollenberger. 1997. Influence of forage species, supplementation rate, and stocking rate on performance of lactating Holstein cows managed on rotationally stocked pastures. *J. Dairy Sci.* 80 (Suppl. 1):141.
284. Eilitta, M.*, L.E. Sollenberger, R.C. Littell, and L.W. Harrington. 1997. On-farm assessment of a maize-mucuna system in southern Veracruz Mexico. *Agron. Abst.* p. 44.
285. Macoon, B.*, L.E. Sollenberger, C.R. Staples, M. Hanada, and J.H. Fike. 1997. Forage and animal responses in pasture-based systems for lactating dairy cows. *Agron. Abst.* p. 140.
286. Newman, Y.C.*, L.E. Sollenberger, K.J. Boote, and L.H. Allen. 1997. Carbon dioxide and temperature effects on growth and chemical composition of C₃ and C₄ forages. *Agron. Abst.* p. 95.
287. Sollenberger, L.E., and J.E. Moore. 1997. Assessing forage allowance-animal performance relationships on grazed pasture. *Agron. Abst.* p. 140-141.
288. Valencia, E.M.*, M.J. Williams, and L.E. Sollenberger. 1997. Planting methods and date effects on establishment of rhizoma perennial peanut in a grass sod. *Agron. Abst.* p. 106-107.
289. Welch, S.A.*, L.E. Sollenberger, T.M. Ruiz, C.R. Staples, K.H. Quesenberry, and P.K. Nair. 1997. An assessment of pasture-based dairies in Puerto Rico. *Agron. Abst.* p. 140.
290. Balbuena, O., W.E. Kunkle, D.B. Bates, J.E. Moore, L.E. Sollenberger, and A.C. Hammond. 1996. Monensin or bambemycins for growing cattle fed bermudagrass hay supplemented with corn or molasses. *J. Anim. Sci.* 74 (Suppl. 1):198.
291. Fike, J.H.*, C.R. Staples, and L.E. Sollenberger. 1996. Influence of forage species, supplementation rate, stocking rate, and parity on lactational and physiological responses of grazing, lactating Holstein cows. *J. Dairy Sci.* 79 (Suppl. 1):153.

292. Sollenberger, L.E., D.C. McDonald, G.J. Ruegsegger, P. Mislevy, and R.S. Kalmbacher. 1996. Nitrogen fertilization and stocking rate effects on weight gain of weaned bulls grazing stargrass. *Agron. Abst.* p. 155.
293. Valencia, E.M.*, M.J. Williams, L.E. Sollenberger, and R.S. Kalmbacher. 1996. Management effects on botanical composition of rhizoma peanut-grass swards. *Agron. Abst.* p. 121.
294. Lima, G.F. da C.*, L.E. Sollenberger, W.E. Kunkle, J.E. Moore, and A.C. Hammond. 1994. Improving limpograss forage quality and utilization using nitrogen fertilization and supplementation. p. 90. *In* National Conference on Forage Quality, Evaluation, and Utilization Poster Session Abstracts. Univ. of Nebraska, Lincoln.
295. Pedreira, C.G.S.*, L.E. Sollenberger, P. Mislevy, and R.F. Spitaleri. 1994. Plant responses to defoliation on grazed pastures of experimental bermudagrass line 35-3. *Agron. Abst.* p. 195.
296. Moore, J.E., S.C. Schank, L.E. Sollenberger, S. Reilly, and J. Funk. 1993. Leaf blade anatomy, composition, and ruminal digestion of Pennisetum forages. *J. Anim. Sci.* 71 (Suppl. 1):189.
297. Lima, G.F. da C.*, L.E. Sollenberger, W.E. Kunkle, J.E. Moore, and A.C. Hammond. 1993. Influence of nitrogen fertilization and supplementation on performance of beef heifers grazing limpograss. *Agron. Abst.* p. 167.
298. Schank, S.C., C.R. Staples, L.E. Sollenberger, R.F. Spitaleri, K.E. Thompson, and D.B. Bates. 1993. Silage quality from hexaploid hybrids of pearl millet X dwarf elephantgrass. *Agron. Abst.* p.170.
299. Nkedi-Kizza, P., B.W. Mathews, L.E. Sollenberger, and L. Gaston. 1992. Spatial and temporal variability of soil macronutrients as influenced by dairy cattle grazing. *Agron. Abst.* p. 287.
300. Chaparro, C.J.*, and L.E. Sollenberger. 1991. Productivity and persistence of Mott elephantgrass under clipping management. *Agron. Abst.* p. 140.
301. Flores, J.A.*, J.E. Moore, and L.E. Sollenberger. 1991. Forage quality characteristics of Mott dwarf elephantgrass and Pensacola bahiagrass. *J. Anim. Sci.* 69 (Suppl. 1):274.
302. Johnson, S.E.*, L.E. Sollenberger, J.M. Bennett, and C.S. Jones, Jr. 1991. Nutritive value of rhizoma peanut grown under four levels of irradiance. *Agron. Abst.* p. 188.
303. Macoon, B.*, L.E. Sollenberger, J.E. Moore, S.C. Schank, and P.E. Hildebrand. 1991. Defoliation effects on yield, persistence, and quality-related characteristics of Pennisetum forage genotypes. *Agron. Abst.* p. 152.

304. Mathews, B.W.* , L.E. Sollenberger, and C.R. Staples. 1991. Plant-animal-soil interrelationships under different grazing management systems. Agron. Abst. p. 189.
305. Rice, R.W. †, L.E. Sollenberger, K.H. Quesenberry, G.M. Prine, and E.C. French. 1991. Rhizome characteristics and establishment performance of rhizoma peanut as influenced by grazing management. Agron. Abst. p. 158-159.
306. Chaparro, C.J.* , and L.E. Sollenberger. 1990. Seeding rate and limpgrass sod management effects on aeschynomene natural reestablishment. Agron. Abst. p. 139.
307. Johnson, S.E.* , L.E. Sollenberger, and J.M. Bennett. 1990. Yield and physiological responses of rhizoma peanut to four levels of irradiance. Agron. Abst. p. 146-147.
308. Knettle, J.R. †, G.M. Prine, O.C. Ruelke, L.E. Sollenberger, and C.R. Staples. 1990. Effects of fertilization and management on the production of Mott elephantgrass (Pennisetum purpureum Schum.). Fla. Sci. 53 (suppl. 1):3.
309. Ortega-S., J.A.* , L.E. Sollenberger, and K.H. Quesenberry. 1990. Physiological responses of rhizoma peanut to grazing management. Agron. Abst. p. 153.
310. Chaparro, C.J.* , and L.E. Sollenberger. 1989. Effect of grazing intensity and closure date of fall grazing upon aeschynomene seed production. Agron. Abst. p. 129.
311. Cherney, J.H., L.E. Sollenberger, D.J.R. Cherney, and J.A. Patterson. 1989. Characterization of a caffeic acid ester in limpgrass. Agron. Abst. p. 168.
312. Holderbaum, J.F.* , L.E. Sollenberger, K.H. Quesenberry, J.E. Moore, and D.B. Bates. 1989. Seasonal changes in the nitrogen and protein status of a limpgrass sward canopy. Agron. Abst. p. 170.
313. Ortega-S., J.A.* , L.E. Sollenberger, and K.H. Quesenberry. 1989. Herbage accumulation and botanical composition of rhizoma peanut pastures under different grazing managements. Agron. Abst. p. 141-142.
314. Holderbaum, J.F.* , L.E. Sollenberger, J.E. Moore, W.E. Kunkle, and D.B. Bates. 1988. Animal response to protein supplementation on limpgrass pasture. Agron. Abst. p. 162.
315. Sollenberger, L.E., C.S. Jones, Jr., K.A. Albrecht, and G.H. Ruitenber. 1988. Effect of defoliation prior to planting on vegetative establishment of dwarf elephantgrass. Agron. Abst. p. 140.
316. Canudas, E.G. †, K.H. Quesenberry, and L.E. Sollenberger. 1987. Response of a pangola digitgrass-glycine association to grazing management. Agron. Abst. p. 107.

317. Ortega-S., J.A.*, L.E. Sollenberger, and I. Lopez. 1987. Planting methods and densities for establishment of two cultivars of elephantgrass in Mexico. Agron. Abst. p. 119.
318. Rusland, G.A.*, L.E. Sollenberger, and J.F. Holderbaum. 1987. Animal performance on rotationally stocked bahiagrass and limpograss pastures. Agron. Abst. p. 145.
319. Sollenberger, L.E., G.M. Prine, and C.S. Jones. 1987. Animal performance on perennial peanut pastures. Agron. Abst. p. 145-146.
320. Rusland, G.A. †, L.E. Sollenberger, K.A. Albrecht, and L.V. Crowder. 1986. Animal performance on two summer pasture systems in Florida: Limpograss-N vs. limpograss-aeschynomene. Agron. Abst. p. 144.
321. Sollenberger, L.E., and C.S. Jones, Jr. 1986. Animal performance on dwarf elephantgrass and bahiagrass pastures. Agron. Abst. p. 144.
322. Sollenberger, L.E., K.H. Quesenberry, and J.E. Moore. 1985. Effects of grazing management on forage quality of an *Aeschynomene americana* - *Hemarthria altissima* association. Agron. Abst. p. 129.
323. Sollenberger, L.E., K.H. Quesenberry, G.O. Mott, and J.E. Moore. 1984. Effects of grazing management on yield and botanical composition of an *Aeschynomene americana*/*Hemarthria altissima* association. Agron. Abst. p. 136.
324. Sollenberger, L.E., W.C. Templeton, Jr., and R.R. Hill, Jr. 1982. Productivity and composition of perennial ryegrass/N and perennial ryegrass/legume swards. Agron. Abst. p. 128.

H. Book Reviews

1. Sollenberger, L.E. 1985. Approved Practices in Pasture Management by Graffis et al. NACTA Journal 29:50.