Adrian **Correndo**

Assistant Professor

Department of Plant Agriculture, University of Guelph

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I am an agronomist with passion for research and education, underpinning the development and recommendation of the best crop management practices for productive, efficient, and environmentally safe farming systems. My interests are cropping systems, soil fertility, and crop nutrition, with a strong component of modern data analytics for the advancement of agriculture.

I. EDUCATION

Kansas State University — *Manhattan, KS, United States*

Ph.D. Agronomy — *2021*

- Dissertation: Nitrogen economy in corn-soybean farming systems

University of Buenos Aires — *Buenos Aires, Argentina*

M.Sc. Soil Science — *2018*

- Thesis: Variables associated to nitrogen and phosphorus response in corn and soybean in the Argentine Pampas

University of Buenos Aires — *Buenos Aires, Argentina*

B.S. Agronomy — *2011*

- Thesis: Spatio-temporal changes in soil potassium availability in Mollisolls of the Cental Pampas region

II. RESEARCH & EXTENSION EXPERIENCE

Assistant Professor - Sustainable Cropping Systems

2023 - present | Department of Plant Agriculture | University of Guelph

- Research Chair for the Pick Family Chair in Sustainable Cropping Systems to develop and introduce effective, simple to use and widely acceptable cropping systems that deal with the issue of soil degradation.

Postdoctoral Fellow - Digital Agronomy

2022 - 2023 | Department of Agronomy | Kansas State University

- Research and Extension on sustainable agriculture and resilience of farming systems. Research duties include applied geo-spatial and machine learning analysis, development of digital tools, literature reviews, preparation of reports, scientific manuscripts, and professional presentations.
- Collaborator of the Digital Tools-Farming Systems and Geospatial consortium (SIIL-USAID, `https://www.siildigitalagconsortium.com/`) to advance the development of digital tools for smallholder farmers around the globe. Extension duties include field days, workshops, and corn-soybean schools for farmers. Supervisor: Dr. Ignacio Ciampitti.

Graduate Research Assistant

2018 - 2021 | Department of Agronomy, Kansas State University

- Conducting and coordinating field research in corn and soybean crops in North Central Kansas. Planning and execution of plant and soil sampling and laboratory analyses. Data analysis, preparation of reports, scientific manuscripts, and professional presentations. Extension activities during field days and workshops. Supervisor: Dr. Ignacio Ciampitti.

Assistant Agronomist

2010 - 2018 | Latin America Southern Cone, International Plant Nutrition Institute

- Professional training courses in soil fertility and crop nutrition for farmers and crop advisors. Writing scientific manuscripts, research protocols, reports, extension and press articles. Collaborator in various research projects in soil fertility and crop nutrition in the Southern Cone of Latin America. Research Assistant of

projects: i) On-Farm Long-Term Crop Nutrition Network of CREA Southern Santa Fe (Argentina). CREA-IPNI-Nutrien (2010 - 2018); ii) On-Farm Long-Term Crop Nutrition Network of CREA Northern Cordoba (Argentina). CREA-IPNI-Nutrien (2013 - 2018); and iii) On-Farm Long-Term Crop Nutrition Network of Eastern Plains, Bolivia (2014 - 2018). Responsibilities: protocols, data analysis, reports and scientific articles, workshops and field days organization. Co-editor of quarterly magazine "Informaciones Agronómicas del Cono Sur" and "Informaciones Agronómicas de Hispanoamérica". Webpage and social media managing. Organizer of a Soil Fertility Symposia Series (2009, 2011, 2013, 2015, and 2017). Supervisor: Dr. Fernando Garcia.

Undergraduate Assistant Agronomist (Internship)

2008 - 2010 | Latin America Southern Cone, International Plant Nutrition Institute

- Data entry. Database development of resources on soil fertility and crop nutrition. Writing scientific manuscripts, research reports, and extension articles. Collaborator in research projects and professional training in soil fertility and crop nutrition. Co-editor of quarterly magazine "Informaciones Agronómicas del Cono Sur".

Undergraduate Teaching and Research Assistant

2008 - 2011 | Soil Fertility and Fertilizers Department, College of Agriculture, University of Buenos Aires.

- *Ad-honorem* assistant of research projects: i) PIP 5432 "Responsible mechanisms for the phosphorus recovery and use efficiency in soybean, maize and sunflower", and ii) PICT 11170 "Soil available P management and P nutrition for soybean and other crops of the Pampas Region". Responsibilities: installation and monitoring of field and greenhouse experiments. Soil and plant sampling and laboratory analysis. Evaluation of crop roots (soybean, maize, and sunflower). Soil Fertility and Fertilizers Department, College of Agriculture of University of Buenos Aires. Supervisors: Dr. Gerardo Rubio, and Dr. M. Fernández.

2007 | IFEVA. College of Agriculture, University of Buenos Aires.

- Field work assistant in ecology experimental plots. Grassland evaluation and installation of field experiment. Place: Estancia "San Claudio" Carlos Casares. Supervisors: Dr. Isabel Miranda, and Dr. Enrique J. Chaneton.

III. TEACHING EXPERIENCE

Fall 2024 - | **Instructor**. Course: CROP 3310 - "Protein and Oilseed Crops". Undergraduate Program in Agricultural Science. Credits: 0.50. FTE: 1.00. Ontario Agricultural College, University of Guelph, Ontario, Canada.

Fall 2024 - | **Instructor**. Course: CROP 4260 - "Crop Science Field Trip". Undergraduate Program in Agricultural Science. Credits: 0.50. FTE: 1.00. Ontario Agricultural College, University of Guelph, Ontario, Canada.

Winter 2024 - | **Instructor**. Course: CROP 3300 - "Grain Crops". Undergraduate Program in Agricultural Science. Credits: 0.50. FTE: 0.50. Ontario Agricultural College, University of Guelph, Ontario, Canada.

Fall 2023 - | **Instructor**. Course: CROP 3310 - "Protein and Oilseed Crops". Undergraduate Program in Agricultural Science. Credits: 0.50. FTE: 0.20. Ontario Agricultural College, University of Guelph, Ontario, Canada.

Fall 2023 - | **Guest lecturer**: "Calibration based on soil testing". Course "Soil Fertility and Fertilizers", Graduate Program in Agricultural Science. Course Instructor: Dr. Nahuel Reussi Calvo. College of Agriculture, Universidad Nacional de Mar del Plata, Argentina.

Spring 2022 - | **Guest lecturer**: "On-Farm Research, Challenges and Opportunities". Course: AGRON-655, Site-Specific Agriculture. Course Instructor: Dr. Jeffrey Siegfried. College of Agriculture, Kansas State University, Kansas, United States.

Fall 2021 - | **Guest lecturer**: "Soil P fertility and crop P nutrition management". Course: Certificate in Precision Agriculture. Director: Ing. Agr. Esteban Tronfi. Coordinator: Ing. Agr. Franco Vizzio. College of Agriculture, Universidad Católica de Córdoba, Argentina.

Nov. 2021 | **Teaching Assistant**. 2021 Agronomy-Crop-Soils R beginner bootcamp: from basics to publication-ready plots. American Society of Agronomy (ASA). ASA-CSSA-SSSA Annual Meeting 2021. WEB.

2008 - 2011 | **Teaching Assistant**. Course: "Soil Fertility and Fertilizers". Course Instructors: Dr. Gerardo Rubio, Dr. Monica Gutierrez. Soil Fertility and Fertilizers Department, College of Agriculture, University of Buenos Aires.

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IV. PUBLICATIONS

Peer-reviewed (30)

1. Abdala, L., Tamagno, S., Ruiz, A., Schwalbert, R.A., **Correndo, A.A.**, Martin, N. 2025. Yield environment changes the ranking of soybean genotypes. *Field Crops Res.* 321, 109661. https://doi.org/10.1016/j.fcr.2024.109661

2. Almeida, Luiz F., **Correndo, A.A.**, Hefley, T., HIntz, G., Vara Prasad, P.V., Litch, M., Casteel, S., Singh, M., Naeve, S., Bais, J., Lindsay, L., Conley, S., Kleinjan, J., Kovacs, P., Ciampitti, I.A. 2025. Assessing the influence of environmental drivers on soybean seed yield and nitrogen fixation estimates and uncertainties in the United States. *European Journal of Agronomy*, 162, 127428. https://doi.org/10.1016/j.eja.2024.127428

3. Rodriguez M., Carcedo A., **Correndo A.**, Crespo C., Carciochi W., Sainz Rozas H., Ciampitti I., Barbieri P. 2024. Assessing the nitrogen supply of hairy vetch in a soybean-wheat sequence. *Field Crops Res.*, 316, 109496 - 109496. https://doi.org/10.1016/j.fcr.2024.109496

4. Giordano, N., Sadras, V.O., **Correndo, A.A.**, Lollato, R.P. 2023. Cultivar-specific phenotypic plasticity of yield and grain protein concentration in response to nitrogen in winter wheat. *Field Crops Res.* 306, 109202. https://doi.org/10.1016/j.fcr.2023.109202

5. Rodriguez, M., Vargas, J., **Correndo, A.**, Carcedo, A., Carciochi, W., Barbieri, P., & Ciampitti, I.A. A meta-analysis of hairy vetch as a previous cover crop for maize. Heliyon 9 (2023), e22621. https://doi.org/10.1016/j.heliyon.2023.e22621

6. Giordano, N., Sadras, V.O., **Correndo, A.A.**, Lollato, R.P. 2023. Cultivar-specific phenotypic plasticity of yield and grain protein concentration in response to nitrogen in winter wheat. Field Crops Res. 306, 109202. https://doi.org/10.1016/j.fcr.2023.109202

7. Toribio, M., Iglesias, M. P., **Correndo, A.**, Wyngaard, N. ., & Reussi Calvo, N. 2023. Determinants of ammonia volatilization losses and their effect on maize yield. Ciencia Del Suelo, 41(2), 193–205. https://www.ojs.suelos.org.ar/index.php/cds/article/view/801

8. Hernandez, C.H., **Correndo, A.A.**, Prestholt, A., Kyveryga, P., Ciampitti. I.A., 2023. On-farm soybean seed protein and oil prediction using satellite data. *Comp. Electr. Agr.*, 108096, https://doi.org/10.1016/j.compag.2023.108096.

9. Antunes de Almeida, L.F., **Correndo, A.A.**, Ciampitti. I.A., et al., 2023. Soybean yield response to nitrogen and sulfur fertilization in the United States: contribution of soil N and N fixation processes. *Eur. J. Agron.* 145, 126791. https://doi.org/10.1016/j.eja.2023.126791

10. Carcedo, A.J., Viera N., Marziotte, L., **Correndo, A.A.**, Alemo, A., Vara Prasad, P.V., Min, D., Stewart, Z.P., Faye, A., and Ciampitti, I.A., 2023. The urgency for investment on local data for advancing options for improving crop productivity and climate resilience assessments in Africa: a review for APSIM crop modeling. *Env. Modell. Soft* 161, 105633. https://doi.org/10.1016/j.envsoft.2023.105633

11. Moro Rosso, L.H., de Borja Reis, A.F., Tamagno, S., **Correndo, A.A.**, Vara Prasad, P.V., Ciampitti. I.A., 2023. Temporal variation of soil N supply defines N fixation in soybeans. *Eur. J. Agron* 144, 126745. https://doi.org/10.1016/j.eja.2023.126745

12. **Correndo, A.A.**, Pearce, A., Bolster, C., Spargo, J., Osmond, D., and Ciampitti, I.A., 2023. The soiltestcorr R package: An accessible framework for reproducible correlation analysis of crop yield and soil test data. Submitted to *SoftwareX* 21, 101275, https://doi.org/10.1016/j.softx.2022.101275

13. Bolster, C., **Correndo, A.A.**, Pearce, A., Spargo, J., Osmond, D., and Slaton, N., 2023. A spreadsheet for determining critical soil test values using the modified arcsine-log calibration curve. Submitted to *Soil Sci. Soc. Am. J.* 87, 182-189, https://doi.org/10.1002/saj2.20498

14. **Correndo, A.A.**, Moro Rosso, L.H., Hernandez, C.H., Bastos, L.M., Nieto, L., Holzworth, D., Ciampitti, I.A., 2022. metrica: an R package to evaluate prediction performance of regression and classification point-forecast

models. Journal of Open Source Software, 7(79), 4655, https://joss.theoj.org/papers/10.21105/joss.04655

15. **Correndo, A.A.**, McArtor, B., Prestholt, A., Hernandez, C., Kyveryga, P., and Ciampitti, I.A., 2022. Interactive Soybean Variable-Rate Seeding Simulator for Farmers. *Agron. J.* 114, 3554-3565. https://doi.org/10.1002/agj2.21181

16. Secchi, M.A., **Correndo, A.A.**, Stamm, M., Durrett, T., Vara Prasad, P.V., Messina, C., and Ciampitti, I.A., 202#. Suitability of different environments for winter canola oil production in the United States of America. *Field Crops Res.* 287, 108658. https://doi.org/10.1016/j.fcr.2022.108658.

17. Sadras, V.O., Giordano, N., **Correndo, A.A.**, Cossani, M., Ferreyra, J.M., Caviglia, O.P., Coulter, J.A., Ciampitti, I.A., and Lollato, R.A., 2022. Temperature-driven developmental modulation of yield response to nitrogen in wheat and maize. *Frontiers in Agronomy* https://doi.org/10.3389/fagro.2022.903340

18. **Correndo, A.A.**, Adee, E., Moro Rosso, L.H., Tremblay, N., Vara Prasad, P.V., Du, J., and Ciampitti, I.A., 2022. Footprints of corn nitrogen management on the following soybean crop. *Agron. J.* 1-14. https://doi.org/10.1002/agj2.21023

19. **Correndo, A.A.**, Tremblay, N., …Ciampitti, I.A. et al., 2021. Unraveling uncertainty drivers of the maize yield response to nitrogen: A Bayesian and machine learning approach. *Agr. For. Meteorol.* 311, 108668. https://doi.org/10.1016/j.agrformet.2021.108668

20. **Correndo, A.A.**, Gutierrez-Boem, F.H., Garcia, F.O.,… Salvagiotti, F., 2021. Attainable yield and soil texture as drivers of maize response to nitrogen: a synthesis analysis for Argentina. *Field Crops Res.* 273, 108299. https://doi.org/10.1016/j.fcr.2021.108299

21. **Correndo, A.A.**, Fernandez, J., Prasad, V., Ciampitti, I.A., 2021. Do water and nitrogen management practices impact grain quality in maize? *Agronomy* 11(9), 1851. https://doi.org/10.3390/agronomy11091851

22. Ciampitti, I.A., de Borja Reis, A.F., Cordova, C., Castellano, M.J., Archontoulis, S., **Correndo, A.A.**, Antunes de Almeida, L.F., Moro Rosso, L.H.„ 202X. Revisiting biological nitrogen fixation dynamics in soybeans. *Front. Plant Sci.* 12, 727021. https://doi.org/10.3389/fpls.2021.727021

23. Moro Rosso, L.H., de Borja Reis, A.F., **Correndo, A.A.**, Ciampitti, I.A., 2021. XPolaris: an R-package to retrieve United States soil data at 30-meter resolution. *BMC Res Notes* 14, 327. https://doi.org/10.1186/s13104-021-05729-y

24. **Correndo, A.A.**, Hefley, T., Holzworth, D., Ciampitti, I.A., 2021. Revisiting linear regression to test agreement in continuous predicted-observed datasets. *Agr. Syst.* 192, 103194. https://doi.org/10.1016/j.agsy.2021.103194

25. **Correndo, A.A.**, Moro Rosso, L.H., Ciampitti, I.A., 2021. Retrieving and processing agro-meteorological from API-client sources using R software. *BMC Res. Notes* 14, 205. https://doi.org/10.1186/s13104-021-05622-8

26. **Correndo, A.A.**, Rubio, G., Garcia, F.O., Ciampitti, I.A., 2021. Subsoil-potassium depletion accounts for the nutrient budget in high-potassium agricultural soils. *Sci. Rep.* 11, 11597. https://doi.org/10.1038/s41598-021-90297-1

27. **Correndo, A.A.**, Rotundo, J.L., Tremblay, N., et al., 2021. Assessing the uncertainty of maize yield with no nitrogen fertilization. *Field Crops Res.* 260, 107985. https://doi.org/10.1016/j.fcr.2020.107985

28. Appelhans, S.C., Carciochi, W.D., **Correndo, A.A.**, et al. 2021. Predicting soil test phosphorus decrease in non-P-fertilized conditions. *Eur. J. Soil Sci.* 2021; 1– 11. https://doi.org/10.1111/ejss.12946

29. **Correndo, A.A.**, Salvagiotti, F., García, F.O., Gutiérrez Boem, F.H., 2017. A modification of the arcsine-log calibration curve for analysing soil test value-relative yield relationships. *Crop and Pasture Science* 68 (3): 297-304. https://doi.org/10.1071/CP16444

30. Barbieri, P.A., Sainz Rozas, H.R. Wyngaard, N., Eyherabide, M., Reussi Calvo, N.I., Salvagotti, F., **Correndo, A.A.**, et al., 2017. Can Edaphic Variables Improve DTPA-Based Zinc Diagnosis in Corn?. *Soil Sci. Soc. Am. J.* 81, 556-563. https://doi.org/10.2136/sssaj2016.09.0316

31. **Correndo, A.A.**, Boxler, M., García, F.O., 2015. Economic analysis of fertilization management with focus on the long term. *Ci. Suelo* 33(2), 197-212. http://www.suelos.org.ar/publicaciones/vol_33n2/v33n2a04.pdf

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Book Chapters (8)

1. García, F.O., **Correndo, A.A.**, Reussi Calvo, N., Monzon, J.P., Ciampitti, I.A., Salvagiotti, F., Chapter 7: Crop Nutrition. In: Andrade, F., Otegui, M.E., Cirilo, A., & Uhart, S. (2023). Ecofisiologia del cultivo de maiz. 486p. ISBN 978-987-88-8326-7. LINK
2. Majumdar, K., S. Zingore, F. García, **A. Correndo**, J. Timsina, & A.M. Johnston. 2017. Chapter 8: Improving Nutrient Management for Sustainable Intensification of Maize. In: Watson D. (2017). Achieving sustainable cultivation of maize, Volume 2. Cultivation techniques, pest and disease control. Burleigh Dodds Series in Agricultural Science. 400p. ISBN-13: 9781786760128.
3. **Correndo, A.A.**, & F.O. García. 2016. Pautas para el manejo del fósforo en trigo. In: Trigo. Cuaderno de Actualización Técnica. AACREA, Buenos Aires, Argentina.
4. García, F.O., and **A.A. Correndo**. 2016. Fertilidad de Suelos y Uso de Fertilizantes para una Agricultura Sustentable. Recursos Naturales y Suelos. GEPAMA FADU UBA –ECOLOGIA UNGS – FHB.
5. **Correndo, A.A.**, and F.O. García. 2014. Bases para la nutrición del cultivo de maíz. In: Maíz. Técnicas probadas para una producción rentable. 96pp. AACREA, Buenos Aires, Argentina.
6. **Correndo A.A.**, & F.O. García. 2014. Diagnóstico del nitrógeno en el cultivo de maíz: ¿Cómo lograr un análisis de suelo confiable? In: L. Borras (Ed.). Manejo eficiente del nitrógeno en maíces flint. Facultad de Ciencias Agrarias, Universidad Nacional de Rosario. pp. 67-80.
7. García F.O. and **A.A. Correndo**. 2012. Fertilización en el cultivo de soya. Manual de Difusión Técnica de Soya. Fundacruz. Santa Cruz de la Sierra, Bolivia. pp. 158-170.
8. García, F., M. Boxler, J. Minteguiaga, R. Pozzi, L. Firpo, I. Ciampitti, **A. Correndo**, F. Bauschen, A. Berardo, and N. Reussi Calvo. 2010. La Red de Nutrición de la Región Crea Sur de Santa Fe: Resultados y conclusiones de los primeros diez años 200-2009. 2a. ed. AACREA. Buenos Aires, Argentina. ISBN 978-987-1513-07-9. 64 pp.

Extension (63) - Most recent (36)

1. Ciampitti, I.A., **Correndo, A.A.**, Sittel, M.. 2023. Soybean seed filling and dry down rate before harvest. September 14th, 2023: Issue 974. LINK
2. Ciampitti, I.A., **Correndo, A.A.**, Sittel, M., Redmond, C.. 2023. Drought and heat stress impacts on soybeans in Kansas. August 24th, 2023: Issue 971. LINK
3. Ciampitti, I.A., **Correndo, A.A.**. 2023. Soybean yield potential estimation. August 24th, 2023: Issue 971. LINK
4. Ciampitti, I.A., **Correndo, A.A.**. 2023. Corn development in Kansas during recent high temperatures. July 27th, 2023: Issue 967. LINK
5. Ciampitti, I.A., **Correndo, A.A.**. 2023. Estimating corn yield potential using the yield component method. July 20th, 2023: Issue 966. LINK
6. Ciampitti, I.A., **Correndo, A.A.**. 2023. Considerations for late-planted soybeans. June 8th, 2023: Issue 960. LINK
7. Ciampitti, I.A., Lancaster, S., **Correndo, A.A.**. 2023. Crop options after early terminated wheat. May 25th, 2023: Issue 958. LINK
8. Ciampitti, I.A., **Correndo, A.A.**, Redmond, C.. 2023. Cold soils can lead to chilling injury for newly planted corn and soybean. April 27th, 2023: Issue 953. LINK
9. Ciampitti, I.A., **Correndo, A.A.**. 2023. Adjusting seeding rates for soybean. April 20th, 2023: Issue 952. LINK
10. Ciampitti, I.A., **Correndo, A.A.**, van Versendaal, E., Antunes de Almeida, L.F.. 2023. Soybean planting date and maturity group selection. April 13th, 2023: Issue 951. LINK

11. Ciampitti, I.A., **Correndo, A.A.**, Sittel, M., Redmond, C.. 2023. Spring planting update - Soil temperature and moisture. April 6th, 2023: Issue 951. LINK

12. Ciampitti, I.A., **Correndo, A.A.**. 2023. Optimal corn seeding rate recommendations. March 23rd, 2023: Issue 948. LINK

13. Ciampitti, I.A., **Correndo, A.A.**, Sittel, M., Redmond, C. 2023. Spring planting is approaching: Soil temperature and moisture status. March 16th, 2023: Issue 947. LINK

14. Melchiori, R.J.M., Maltese, N., **Correndo, A.A.**, Novelli, L., & Caviglia, O. 2022. How to decide nitrogen fertilization in maize under uncertain scenarios. Serie de Extension INTA EEA Parana No. 89: 76-82. ISSN 0325 - 8874. Entre Rios, Argentina. LINK

15. Ciampitti, I.A., **Correndo, A.A.**, Sittel, M., Redmond, C. 2022. Drought and heat stress in Kansas soybean fields. Agronomy eUpdates. Kansas State university. August 25th, 2022: Issue 921. https://eupdate.agronomy.ksu.edu/article_new/soybean-yield-potential-estimation-509-4

16. Ciampitti, I.A., **Correndo, A.A.**, Sittel, M., Redmond, C. 2022. Drought and heat stress in Kansas soybean fields. Agronomy eUpdates. Kansas State university. August 18th, 2022: Issue 920. https://eupdate.agronomy.ksu.edu/article_new/drought-and-heat-stress-in-kansas-soybean-fields-508-1

17. Ciampitti, I.A., **Correndo, A.A.**. 2022. Drought and heat stress in Kansas corn fields. Agronomy eUpdates. Kansas State university. August 11th, 2022: Issue 919. https://eupdate.agronomy.ksu.edu/article_new/drought-and-heat-stress-in-kansas-corn-fields-507-3

18. Redmond, C., Ciampitti, I.A., **Correndo, A.A.**. 2022. Critical timing in Kansas: High temperatures and corn development. Kansas State university. July 28th, 2022: Issue 917. https://eupdate.agronomy.ksu.edu/article_new/critical-timing-in-kansas-high-temperatures-and-corn-development-505-4

19. Ciampitti, I.A., **Correndo, A.A.**. 2022. Estimating corn yield potential using the yield component method. Agronomy eUpdates. Kansas State university. July 21th, 2022: Issue 916. https://eupdate.agronomy.ksu.edu/article_new/estimating-corn-yield-potential-using-the-yield-component-method-504-1

20. Antunes de Almeida, L.F., **Correndo, A.A.**, Adee, E., Dooley, S., Ciampitti, I.A. 2022. Soybean seed yield productivity and biological nitrogen fixation in Kansas. *Kansas Field Research 8(4)*. K-State Research and Extension. Kansas State university. https://doi.org/10.4148/2378-5977.8300

21. **Correndo, A.A.**, Lanza Lopez, O., Antunes de Almeida, L.F., Ciampitti, I.A.. 2022. Yield response to nitrogen management in a corn-soybean sequence in North Central Kansas - 2021 Season. *Kansas Agricultural Experiment Station Research Reports.* Vol. 8(4). K-State Research and Extension. Kansas State University. https://doi.org/10.4148/2378-5977.8315

22. **Correndo, A.A.**, Antunes de Almeida, L.F., Adee, E., Ciampitti, I.A., 2022. Do late season soybean management impact seed yields in East Kansas? *Kansas Agricultural Experiment Station Research Reports* Vol. 8(4). K-State Research and Extension. Kansas State University. https://doi.org/10.4148/2378-5977.8301

23. Ciampitti, I.A., **Correndo, A.A.**. 2022. Considerations for late planting (or replanted). Agronomy eUpdates. Kansas State university. June 9th, 2022: Issue 910. https://bit.ly/3xYcfEx

24. Ciampitti, I.A., **Correndo, A.A.**. 2022. Soybean row spacing in Kansas. Agronomy eUpdates. Kansas State university. April 29th, 2022: Issue 904. https://bit.ly/3y7eS7f

25. Ciampitti, I.A., **Correndo, A.A.**, & van Versendaal, E.. 2022. Soybean planting date and maturity group selection. Agronomy eUpdates. Kansas State university. April 14th, 2022: Issue 902. https://bit.ly/3OemydJ

26. Ciampitti, I.A., **Correndo, A.A.**, & Redmond, C.. 2022. 2022 soil moisture and temperature outlook of spring planting in Kansas. Agronomy eUpdates. Kansas State university. April 7th, 2022: Issue 901. https://bit.ly/3xrLWXz

27. Ciampitti, I.A., & **Correndo, A.A.**. 2022. Optimal corn seeding rate recommendations. Agronomy eUpdates. Kansas State university. March 24th, 2022: Issue 898. https://t.co/65BsXcYvf4

28. Ciampitti, I.A., & **Correndo, A.A.**. 2021. Indigenous productivity of maize without nitrogen fertilization in North America. Kansas Research and Extension Reports. MF3572. https://bookstore.ksre.ksu.edu/pubs/MF3572.pdf

29. **Correndo, A.A.**, & I.A. Ciampitti. 2021. Yield Response to Nitrogen Management in a Corn-Soybean Sequence in North Central Kansas. Kansas Agricultural Experiment Station Research Reports. Vol. 7(5). K-State Research and Extension. Kansas State University. https://doi.org/10.4148/2378-5977.8083

30. **Correndo, A.A.**, & I.A. Ciampitti. 2020. Corn yield response to nitrogen in North Central Kansas. Kansas Agricultural Experiment Station Research Reports: Vol. 6(5). https://doi.org/10.4148/2378-5977.7921

31. **Correndo, A.A.**, & I.A. Ciampitti. 2019. Pursuing the Best Management Strategies for Corn-Soybean Rotation Systems in North Central Kansas. Kansas Agricultural Experiment Station Research Reports: Vol. 5: Iss. 6. https://doi.org/10.4148/2378-5977.7798

32. Garcia, F.O., Grasso, A., Gonzalez Sanjuan, M.F., **Correndo, A.**, Salvagiotti, F.O., 2018. Connecting crop nutrient use efficiency to future soil productivity. Better Crops With Plant Food, Vol. CII (102), No. 4:8-10. http://www.ipni.net/publication/bettercrops.nsf/issue/BC-2018-4

33. Ferreras, L., Magra, G., Saperdi, A., Toresani, S., Boxler, M., Gallo, S., Pozzi, R., **A. Correndo**, Garcia, F.O., 2018. Does balanced fertilization improve soil health? Better Crops With Plant Food, Vol. CII (102), No. 1:18-20. http://www.ipni.net/publication/bettercrops.nsf/issue/BC-2018-1

34. **Correndo, A.A.**, F. Permingeat, P. Gelso, S. Gallo, R. Pozzi, M. Salinas, N.I. Reussi Calvo, A. Berardo, & F.O. García. 2017. Long-term Crop Nutrition Network of CREA Southern Santa Fe. Results of 2016/17 Cropping Season: Maize. Available at: http://research.ipni.net/page/RLAS-2571

35. **Correndo, A.A.**, F. Permingeat, P. Gelso, S. Gallo, R. Pozzi, M. Salinas, N.I. Reussi Calvo, A. Berardo, & F.O. García. 2017. Long-term Crop Nutrition Network of CREA Southern Santa Fe. Results of 2016/17 Cropping Season: Soybean. Available at: http://research.ipni.net/page/RLAS-2572

36. Boxler, M., F.O. García, **A.A. Correndo**, S. Gallo, R. Pozzi, M. Uranga, M. Salinas, N.I. Reussi Calvo & A. Berardo. 2017. Long-term Crop Nutrition Network of CREA Southern Santa Fe. Results of 2015/16 Cropping Season: Soybean. Available at: http://research.ipni.net/page/RLAS-2564

Conferences (48) - Most recent (27)

1. Hernandez, C., **Correndo, A.A.", Prestholt, A., Kyveryga, P., & Ciampitti, I.A. 2023. Prediction of spatial variability of soybean seed quality using remote sensing. AGU Fall Meeting 2023. Dec 11th-15th, 2023, New Orleans, LA, USA. American Geophysical Union (AGU). Session: Global Environmental Change / Online Poster Session for Global Environmental Change: Agriculture IX, id. GC06-09. Available at AGU

2. **Correndo, A. A.**. 2024. Practical tools to share agricultural research data and results. 2024 ONFARM Research Forum (virtual). Feb 8th, 2024, ON, Canada. Ontario Soil and Crop Improvement Association (OSCIA). Recording available at YOUTUBE

3. **Correndo, A. A.**. 2024. Nitrogen Know-How. South Western Agricultural Conference. 2024 Ontario Ag Conference Series. Jan 4th-5th, 2024, Ridgetown, ON, Canada. https://www.ontarioagconference.ca/swac1/swac-agenda/

4. **Correndo, A. A.**, Lacasa, J., Whetten, A., Hefley, T., Clark, J., Ransom, C. J., & Ciampitti, I. A. 2023. Corn Yield Variance in Response to Nitrogen Fertilization [Abstract]. ASA, CSSA, SSSA International Annual Meeting, St. Louis, MO. https://scisoc.confex.com/scisoc/2023am/meetingapp.cgi/Paper/150062

5. Almeida, L. F., Ciampitti, I. A., **Correndo, A. A.**, & Hefley, T. 2023. Quantifying Main Drivers of Soybean Yield & N Fixation and Their Uncertainties in the United States [Abstract]. ASA, CSSA, SSSA International Annual Meeting, St. Louis, MO. https://scisoc.confex.com/scisoc/2023am/meetingapp.cgi/Paper/150511

6. Giordano, N., Sadras, V. O., **Correndo, A. A.**, & Lollato, R. P. 2023. Cultivar-Specific Phenotypic Plasticity of Yield and Grain Protein Concentration in Response to Nitrogen in Winter Wheat [Abstract]. ASA, CSSA, SSSA International Annual Meeting, St. Louis, MO. https://scisoc.confex.com/scisoc/2023am/meetingapp.cgi/Paper/149008

7. Hernandez, C., **Correndo, A. A.**, Prestholt, A., Kyveryga, P., & Ciampitti, I. A. 2023. On-Farm Soybean Quality Predictive Modelling Using Remote Sensing [Abstract]. ASA, CSSA, SSSA International Annual Meeting, St. Louis, MO. https://scisoc.confex.com/scisoc/2023am/meetingapp.cgi/Paper/149426

8. Bosche, L., **Correndo, A. A.**, Almeida, L. F., & Ciampitti, I. A. 2023. Understanding Nitrogen Nutrition in Soybeans: A Synthesis Analysis [Abstract]. ASA, CSSA, SSSA International Annual Meeting, St. Louis, MO. https://scisoc.confex.com/scisoc/2023am/meetingapp.cgi/Paper/149747

9. Toribio, M., **Correndo, A.A.**, Reussi Calvo, N. 2022. Sintesis analisis sobre el efecto de inhibidores de la actividad ureasica en el cultivo de maiz. XXVIII Congreso Argentino de la Ciencia del Suelo. Nov 15-18, Buenos Aires, Argentina. https://congreso2022.suelos.org.ar/actas/

10. Toribio, M., **Correndo, A.A.**, Reussi Calvo, N. 2022. Factores determinantes de las perdidas de nitrogeno por volatilizacion en maiz. XXVIII Congreso Argentino de la Ciencia del Suelo. Nov 15-18, Buenos Aires, Argentina. https://congreso2022.suelos.org.ar/actas/

11. Reussi Calvo, N., Cortez, D., Trujillo, R., **Correndo, A.A.**, Carciochi, W., Garcia, F.O. 2022. Calibracion de fosforo Olsen para maiz y soja en Santa Cruz de la Sierra-Bolivia. XXVIII Congreso Argentino de la Ciencia del Suelo. Nov 15-18, Buenos Aires, Argentina. https://congreso2022.suelos.org.ar/actas/

12. Damianidis, D., Reussi Calvo, N., García, F.O., Alvarez, C., Barbieri, P.A., Sainz Rozas, H., Barraco, M.R., Brach, A.M., Boero, J., Castellarin, J., Ferraris, G., Gómez, F.M., Gudelj, V., Gutiérrez-Boem, F.H., Kruger, H.R., Loewy, T., Manlla, A.G., Melion, D., Videla Mensegue, H., Pagnan, L.F., Pautasso, J.M., Prystupa, P., Pugliese, L. Ventimiglia, L., M. Diaz-Zorita, M., **Correndo, A.A.**, Salvagiotti, F. 2022. Quantitative and qualitative wheat response to nitrogen fertilization in the Argentinean Pampas; A synthesis-analysis. XXVIII Congreso Argentino de la Ciencia del Suelo. Nov 15-18, Buenos Aires, Argentina. https://congreso2022.suelos.org.ar/actas/

13. Bolster, C., **Correndo, A.A.**, Pearce, A., Spargo, J.T., Slaton, N.A., Osmond, D.L. 2022. A Spreadsheet for Determining Critical Soil Test Values Using the Modified Arcsine-Log Calibration Curve. Nov 6-9, Baltimore, MD, USA. LINK

14. **Correndo, A.A.**, Ciampitti, I.A. 2022. The Venture Creation in Data Science: Developing Packages and Web Tools Using R. Nov 6-9, Baltimore, MD, USA. https://scisoc.confex.com/scisoc/2022am/meetingapp.cgi/Paper/142282

15. **Correndo, A.A.**, Holzworth, D., Ciampitti, I.A. 2022. Comparing Error Metrics to Test Predicted-Observed Agreement for Continuous Variables. Nov 6-9, Baltimore, MD, USA. https://scisoc.confex.com/scisoc/2022am/meetingapp.cgi/Paper/142306

16. Antunes de Almeida, L.F., **Correndo, A.A.**, et al. 2022. Soybean Yield Response to Nitrogen and Sulfur Fertilization in the United States. Nov 6-9, Baltimore, MD, USA. https://scisoc.confex.com/scisoc/2022am/meetingapp.cgi/Paper/143887

17. Giordano, N., **Correndo, A.A.**, Sadras, V.O., Lollato, R. 2022. Phenotypic Plasticity Unravels Genotype Specific Response to Nitrogen in Winter Wheat. Nov 6-9, Baltimore, MD, USA. https://scisoc.confex.com/scisoc/2022am/meetingapp.cgi/Paper/142402

18. Ciampitti, I.A., **Correndo, A.A.**. 2022. Re-thinking effective use of niutrogen in major field crops, integrating breeding and management. Aug. 1-3, Lincoln, NE, USA. https://agronomy.unl.edu/workshops-fielddays/NUE/presentations/Correndo_Ciampitti.pdf

19. **Correndo, A.A.**, Hefley, T., Holzworth, D., and Ciampitti, I. A., 2021. How should we use linear regression to test models performance?. 2021 ASA-CSSA-SSSA Meetings. Nov. 7-10, Salt Lake City, UT, USA. https://scisoc.confex.com/scisoc/2021am/meetingapp.cgi/Paper/135506

20. **Correndo, A.A.**, Tremblay, N., Coulter, J. A., Ruiz Diaz, D. A., Franzen, D. W., Nafziger, E., Prasad, P. V. V., Rosso, L. M., Steinke, K., Du, J., Messina, C. D., and Ciampitti, I. A.. 2021. Disentangling Corn Yield Response to Nitrogen with Bayesian and Machine Learning Models. 2021 ASA-CSSA-SSSA Meetings. Nov. 7-10, Salt Lake City, UT, USA. https://scisoc.confex.com/scisoc/2021am/meetingapp.cgi/Paper/135568

21. **Correndo, A.A.**, & I. Ciampitti. 2020. Forecasting corn yield in Kansas. 2019 Kansas Corn Symposium. Jan. 23, Manhattan, KS, USA.

22. **Correndo, A.A.**, N. Tremblay, J. Rotundo, J. DeBruin, C. Messina, R. Schwalbert, J. Coulter, D. Ruiz-Diaz, A. Franzluebbers, J. Williams, S. Archontoulis, K. Steinke, E. Nafziger, D. Franzen, & I. Ciampitti. 2019. Corn nitrogen responsiveness in North America: a review. 2019 ASA-CSSA-SSSA Meetings. Nov. 10-13, San Antonio, TX, USA.

23. **Correndo, A.A.**, & I. Ciampitti. 2019. Breaking Yield Barriers in Corn-Soybean. 2019 Kansas Corn Symposium. Jan. 23, Manhattan, KS, USA.

24. **Correndo, A.A.**, F. Salvagiotti, F. García, & F.H. Gutiérrez-Boem. 2018. Attainable yield and soil texture as drivers of pre-plant nitrogen test performance in corn in the argentine pampas. 2018 ASA-CSSA meetings. Nov. 4-7, Baltimore, MD, USA.

25. Balboa, G., **A. Correndo**, M. Stewart, F. Salvagiotti, F.O. Garcia, E. Francisco, J.M Enrico and I.A. Ciampitti. 2018. Intensifying Soybean Management Systems in United States, Brazil and Argentina. 2018 ASA-CSSA meetings. Nov. 4-7, Baltimore, MD, USA.

26. **Correndo, A.A.**, & F.O. Garcia. 2018. The utopia of the balanced fertilization of the cropping systems in Argentina. Proceedings of XXVI Argentinean Soil Science Congress. 15-18th, May 2018. Tucumán, Argentina.

27. **Correndo, A.A.**, F. Salvagiotti, F. García, & F.H. Gutiérrez-Boem. 2018. Recalibration of Bray1-P critical thresholds for corn and soybean in Argentina. CLAP 2018. I Latin American Congress of Precision Agriculture. 11-13th April 2018. Santiago, Chile. DOI: 10.13140/RG.2.2.28706.73922

V.GRANTS

Total awards = US$3,759,633 + CAD $ 593,173

1. Testing Corn Management Technologies in Ontario

2023 | Earnest Agriculture Inc. Role: Lead Applicant. Trust Fund Number: 056410. *Status: Awarded; Amount: $12,249; Period: 2024*

2. Testing Corn Management Technologies in Ontario

2023 | Maizex. Role: Lead Applicant. Trust Fund Number: 056390. *Status: Awarded; Amount: $7,890; Period: 2024*

3. Validation of Ontario N rate recommendations in relation to increased yield and 4R practices in corn

2024 | Sustainable Canadian Agricultural Partnership | Ontario Agri-Food Research Initiative (OAFRI). Role: Lead Applicant. Project code: OAF-2023-102580. *Status: Awarded; Amount: $42,188; Period: 2024/25-2025/26*

2024 | Grain Farmers of Ontario. Role: Lead Applicant. Project code: C2024AG12. *Status: Awarded; Amount: $28,125; Period: 2024/25-2025/26*

4. Improving 4R practices for nitrogen application in wheat

2024 | Grain Farmers of Ontario. Role: Co-Applicant. Project code: W2024AG13 *Status: Pre-Awarded; Amount: $200,000; Period: 2024/25-2026/27*

5. Enhancing Nitrogen Management in Wheat using 4R practices

2023 | OMAFRA. Alliance-Tier 1 Program. Role: Co-Applicant. Project code: UG-T1-2024-102465. *Status: Pre-awarded; Amount: $200,000; Period: 2024/25-2026/27*

6. Ontario legacy database for phosphorus and potassium research in corn and soybean

2024 | Grain Farmers of Ontario. Role: Lead Applicant. Project code: C2024AG15. *Status: Awarded; Amount: $153,992; Period: 2024/25-2026/27*

2023 | OMAFRA. Alliance-Tier 1 Program. Role: Lead Applicant. Project code: UG-T1-2024-102516. *Status: Pre-approved; Amount: $119,194; Period: 2024/25-2026/27*

7. Testing Corn Management Technologies in Ontario

2023 | Maizex. Role: Lead Applicant. Trust Fund Number: 056236. *Status: Awarded; Amount: $29,535; Period: 2023/24-2024/25*

8. Quatifying Nutrient Budgets Farmer-to-Farmer Digital Conservation Network (F2F_DCN)

2023 | USDA-NRCS. Conservation Innovation Grants On-Farm Conservation Innovation Trials, Role: Co-PI. Lead PI: Dr. I.A. Ciampitti. *Status: Awarded; Amount: $3,026,495; Period: 2023-2024* `https://cig.sc.egov.usda.gov/cig-fiscal-year-2022-awards`

9. From Data to Decisions: Development of Soybean Interactive Tools

2023 | United Soybean Board (USB), Role: Co-PI. Lead PI: Dr. I.A. Ciampitti. *Status: Pending evaluation; Amount: $104,300; Period: FY24*

10. Understanding impact of timing and N deficiencies for benchmarking NUE (effective use of N) for corn

2022 | John Deere - KState, Role: Co-PI. Lead PI: Dr. I.A. Ciampitti. *Status: Awarded; Amount: $410,836 ($205,418 x 2yr); Period: 2022-2024*

11. From Data to Decisions: Deploying Soybean Databases into Interactive Tools

2022 | United Soybean Board (USB), Multi-Regional Soybean Checkoff, Role: Co-PI. Lead PI: Dr. I.A. Ciampitti. *Status: Not-selected*

12. Mapping Soybean Protein and Oil Quality in Farmer Fields

2022 | North Central Soybean Research Program (NCSRP), Role: Co-PI. PIs: Dr. I.A. Ciampitti, P. Kyveryga. *Status: Awarded; Amount: $218,002; Period: 2022-2023*

13. Concept note: Building farmer-based resilience metrics (carbon and nitrogen budgets) in soybean systems

2021 | Foundation For Food & Agriculture Research (FFAR), Role: Co-PI. PI: Dr. I.A. Ciampitti. *Status: Not-selected*

14. Improving the prediction of soil N supply and N fixation for US corn-soybean systems

2019 | USDA - NIFA, Role: Co-I. PI: Dr. I.A. Ciampitti. *Status: Not-selected*

15. Improving assessments of N-mineralization & N-fixation inputs in corn-soybean systems

2018 | IPNI - 4R Research Funds, Role: Co-I. PI: Dr. I.A. Ciampitti. *Status: Not-selected*

VI. SERVICE

ACADEMIC SERVICE

JOURNAL REVIEWER

2024 - present | Gates Open Research, Bill & Melinda Gates Foundation.

2024 - present | JOSS, The Journal of Open Source Software. The Open Source Initiative and NumFOCUS.

2023 - present | SoftwareX, Elsevier.

2023 - present | Soil Science Society of America Journal, Soil Science Society of Agronomy. Wiley.

2022 - present | European Journal of Agronomy. Elsevier.

2022 - present | Crop and Pasture Science. CSIRO.

2021 - present | Field Crops Research Elsevier.

2018 - present | Agronomy Journal, American Society of Agronomy. Wiley.

2023 - 2022 | Agricultural and Forest Metorology. Elsevier.

2022 | Plant, Cell & Environment. Wiley.

2022 | International Journal of Plant Production. Springer.

2021 - 2022 | Nitrogen. MDPI.

2021 - 2022 | Agronomy. MDPI.

2020 - 2022 | Crop Science. Crop Science Society of America (CSSA).

2016 - 2018 | Ciencia del Suelo. Asociacion Argentina de la Ciencia del Suelo.

2014 - 2021 | Agrociencia Uruguay. College of Agriculture of University of the Republic (FAGRO-UdelaR) & National Institute of Agricultural Research (INIA).

2014 - 2018 | Agronomia & Ambiente. College of Agriculture, University of Buenos Aires.

2013 - 2017 | Terra Latinoamericana. Asociacion Mexicana de la Ciencia del Suelo.

TEACHING SERVICE

Graduate Examination Committees

- 2024-nov-29 | Student: Victoria Snyder. Degree: MSc. Supervisor: Dr. L. VanEerd. Thesis title: " The interactive effect of cover crop diversity and tillage type on grain corn yield *(Zea mays L.)* on a sandy loam soil IN southwestern ONTARIO".
- 2024-oct-03 | Student: Puja Lamichhane. Degree: MSc. Supervisor: Dr. K. Schneider. Thesis title: "Optimizing forage fertility management: Improving phosphorus use efficiency and exploring the impact of contrasting fertility regimes across forage types".
- 2024-apr-23 | Student: Ashley Hornby. Degree: MSc. Supervisor: Dr. E. Lee. Thesis title: "Potential of remote sensing technologies for maize (Zea mays L.) Breeding".
- 2024-apr-26 | Student: Marinda DeGier. Degree: MSc. Supervisor: Dr. E. Page. Thesis title: "Evaluating potential of a relay intercrop with winter canola and soybean in Ontario".

Qualifying Examinations

- 2024-apr-16 | Ph.D. Student: Vighnesh Sukhu. Supervisor: Dr. F. Tardiff.
- 2024-apr-05 | Ph.D. Student: Caroline Reisiger. Supervisor: Dr. K. Schneider.

Committees

- Jan 2024 - present | Graduate Studies Committee, Dept. of Plant Agriculture, University of Guelph.

OTHER SERVICE

Maintainer. CRAN Agricultural Science Task View

2024 - present | CRAN Task View: Agricultural Science, URL https://CRAN.R-project.org/view=Agriculture.

Collaborator. Ontario Corn Committee

2023 - present | Fertilizer Recommendation System Tool for the United States (FRST).

Committee Member. Soil Test Calibration Committee

2024 - present | Fertilizer Recommendation System Tool for the United States (FRST).

Planing Committee. Agricultural Hackathon

2023 - | ASA-CSSA-SSSA Meeting 2023. (WEB).

Collaborator. Soil Test Correlation Committee

2022 - present | Fertilizer Recommendation System Tool for the United States (FRST).

Assistant Coordinator. K-State Digital Ag Team

2022 | A transdisciplinary initiative of researchers, educators, and practitioners for the advancement of digital solutions for agriculture. website.

Vice-president. Topics in Predictive Agriculture

2019 - 2021 | Graduate Student Association: "Topics in Predictive Agriculture". Kansas State University.

Chair. "Statasaurus" Journal Club

2019 - 2023 | Ciampitti Lab, Kansas State University. Leading a Students' Journal Club dedicated to discuss applied statistics and share advanced programming skills. Website: `https://adriancorrendo.github.io/statasaurusweb/`

Chair. Applied Statistics and Programming Committee

2021 - 2022 | Agronomy Graduate Student Association (AGSA), Kansas State University.

Member. Professional Development Committee

2021 | Agronomy Graduate Student Association, Kansas State University.

Member. Scientific Writing Committee

2021 | Agronomy Graduate Student Association, Kansas State University.

Member. Applied Statistics and Programming Committee

2019 - 2021 | Agronomy Graduate Student Association (AGSA), Kansas State University.

Member. Scholarships Committee

2019 - 2021 | Agronomy Graduate Student Association, Kansas State University.

Secretary. Soil Fertility and Plant Nutrition Committee

2016 - 2018 | Argentine Association of Soil Science.

Collaborator. Soil Fertility and Plant Nutrition Committee

2014 - 2016 | Argentine Association of Soil Science.

VII. PROFESSIONAL MEMBERSHIPS

2018 - 2022 | Kansas Corn Growers Association | National Corn Growers Association (USA)

2022 - present | Gamma-Sigma-Delta Kansas State University Chapter | K-State Alumni Association.

2014 - present | American Society of Agronomy | Crop Science Society of America | Soil Science Society of America

2014-2018 | Argentine Association of Soil Science

VIII. AWARDS

- Gamma-Sigma-Delta Membership Nomination.

2021 | Kansas State University Chapter, Gamma Sigma Delta - The International Honor Society of Agriculture.

- Nelson Yield-Limiting Factors Graduate Student Scholarship Award.

2021 | American Society of Agronomy (ASA)

- Kansas Seed Industry Graduate Scholarship Award.

2021 | Department of Agronomy, Kansas State University.

- Dr. Neal F. and Florence E. Morehouse Award.

2021 | Department of Agronomy, Kansas State University.

- Gamma-Sigma-Delta Outstanding Graduate Student Research Award (Ph.D.).

2021 | Kansas State University Chapter, Gamma Sigma Delta - The Honor International Society of Agriculture.

- Dr. Neal F. and Florence E. Morehouse Award.

2020 | Department of Agronomy, Kansas State University.

- Kansas Corn Next Generation Scholarship.

2020 | Kansas Corn Growers Association.

- Graduate Student Council Travel Award.

2019 | Graduate Student Council, Kansas State University.

- Dr. Neal F. and Florence E. Morehouse Award.

2019 | Department of Agronomy, Kansas State University.

- Archibald Endowment Award.

2019 | Fulbright Argentina.

- Fulbright Master-Doctorate Scholarship Renewal. 2019-2020 Academic Year.

2019 | Fulbright Argentina.

- Graduate Research Assistantship. 2018-2018, 2019-2020 & 2020-2021 Academic Years.

2019-2021 | Department of Agronomy, Kansas State University.

- Archibald Endowment Award.

2018 | Fulbright Argentina.

- Fulbright Master-Doctorate Scholarship. 2018-2019 Academic Year.

2017 | Fulbright Argentina.

- Honor Diploma.

2012 | University of Buenos Aires.

- Honor Diploma. 4th GPA of 2011 Agronomy Class (125 students).

2011 | College of Agriculture, University of Buenos Aires.

- Flag Honor Guard Substitute. 6th College-GPA in 2008. Res. D.A. 129/09.

2009 | College of Agriculture, University of Buenos Aires.

- Flag Honor Guard. 2nd College-GPA in 2007. Res. D.A. 152/08.

2008 | College of Agriculture, University of Buenos Aires.

- PROMAGRO Scholarship.

2008 | College of Agriculture of University of Buenos Aires & College of Agrilculture of National University of Jujuy.

- College of Agricultre Award. D.A. 155/07 Expte. 143.249/07.

2007 | College of Agriculture, University of Buenos Aires.

- PNBU Scholarship. National Program of University Scholarships.

2007 | Ministry of Education, Republic of Argentina.

- PNBU Scholarship. National Program of University Scholarships.

2006 | Ministry of Education, Republic of Argentina.

IX. SOFTWARE DEVELOPMENT

Web applications (5)

- DONMaiz: Corn Optimum Nitrogen Rates in Argentina
- metrica-shinyapp: Prediction Performance Metrics
- Soiltestcorr-shinyapp: Easy Soil Test Correlation
- Cornyield0N: Predict corn yield without nitrogen fertilizer
- Soybean Variable Rate Seeding Simulator

R-PACKAGES (3)

- soiltestcorr: Soil Test Correlation and Calibration. `https://cloud.r-project.org/web/packages/soiltestcorr/`
- metrica: Predictions performance metrics. `https://cloud.r-project.org/web/packages/metrica/`
- XPolaris: Retrieving Soil Data from POLARIS. `https://cran.r-project.org/package=XPolaris`

Data-codes & Tutorials (6)

- **Correndo, A.A.**, 2021. Tidy Mixed Models in R. *Agronomy Graduate Students Association*, V3 `https://adriancorrendo.github.io/tidymixedmodelsweb/` | YOUTUBE-Tutorial: `https://www.youtube.com/watch?v=KxGpacYhBT4`

- Moro Rosso, L.H.; de Borja Reis, A.; **Correndo, A.A.**; Ciampitti, I.A., 2021, “Retrieving POLARIS data using R-software”, *Harvard Dataverse*, V2, https://doi.org/10.7910/DVN/DCZ0N3
- **Correndo, A.A.**; Hefley, T., Holzworth, D., Ciampitti, I.A., 2021, “R-code Tutorial: Revisiting linear regression to test agreement in continuous predicted-observed datasets”, *Harvard Dataverse*, V3 https://doi.org/10.7910/DVN/EJS4M0
- **Correndo, A.A.**, Moro Rosso, L.H., Ciampitti, I.A., 2021, “Agrometeorological variables data using R-software”, *Harvard Dataverse*, V5 https://doi.org/10.7910/DVN/J9EUZU | YOUTUBE-Tutorial: https://www.youtube.com/watch?v=gJo5XUFtDPk
- **Correndo, A.A.**, 2021, Regression Trees and Random Forest. Applied Stats Workshop. AGSA, Kansas State University. GitHub.link | YOUTUBE-Tutorial: https://www.youtube.com/watch?v=sE8VyX2XGII
- **Correndo, A.A.**, Salvagiotti, F., García, F., Gutiérrez-Boem, F.H., 2021, “R-Code Tutorial: A modification of the arcsine–log calibration curve for analysing soil test value–relative yield relationships”, Harvard Dataverse, V2 https://doi.org/10.7910/DVN/NABA57