

Master of Science in Agronomy

We are pleased to provide a curated list of open educational resources for the Master of Science in Agronomy program. These are only for the purpose of additional readings and support classroom interactions

Modern concepts in crop production

- Fehr, W. R. & Suza, W. P. (2025). *Principles of cultivar development*. Iowa State University Digital Press. Pressbooks. <https://iastate.pressbooks.pub/principlescultivardevelopment/>. License: CC BY-NC
- Fehr, W. R. & Suza, W. P. (2025). *Plant breeding methods*. Iowa State University Digital Press. Pressbooks. <https://iastate.pressbooks.pub/plantbreedingmethods/>. License: CC BY-NC
- Suza, W.; Lamkey, K. & Mumm, R. H. (Eds.). (2023). *Cultivar development*. Iowa State University Digital Press. Pressbooks. <https://iastate.pressbooks.pub/cultivardevelopment/>. License: CC BY-NC
- Suza, W.; Lamkey, K., Lübberstedt, T.; Beavis, W.; Bhattacharyya, M.; Merrick, L. & Frei, U. (2026). *Molecular plant breeding*. Iowa State University Digital Press. Pressbooks. <https://iastate.pressbooks.pub/molecularplantbreeding/>. License: CC BY-NC

Principles and Practices of soil fertility and nutrient management

- Farao, A. (Ed.). (2025). *Introduction to plant and soil science: Fundamental concepts and environmental applications*. Lemoore College. Pressbooks. <https://pressbooks.whccd.edu/introplantsci/>. Commons. License: CC0
- Moorberg, C. J. & Crouse, D. A. (2021). *Soils laboratory manual: K-State Edition, Version 2.1*. New Prairie Press, Kansas State University Libraries. OER <https://kstatelibraries.pressbooks.pub/soilslabmanual/>. License: CC BY

Agronomy of major Cereals and Pulses

- Singh, A., Mamo, T., Singh, A., Barb, J., Fei, S.-Z., Mahama, A. A., & Suza, W. (2026). *Crop improvement*. Iowa State University Digital Press. Pressbooks. <https://iastate.pressbooks.pub/cropimprovement/>. License: CC BY-NC

Soil Physics

- Anderson, A. (2025). *Introduction to soil science*. Iowa State University Digital Press. Pressbooks. <https://iastate.pressbooks.pub/introsoilscience/>. License: CC BY

Statistical Methods for Applied Sciences

- Contreras, T. (2021). *Elementary statistical methods*. Odessa College. OER Commons. <https://oercommons.org/courses/elementary-statistical-methods/>. License: CC BY
- Eusea, J. et al. (2024). *Introductory statistics*. LOUIS. Pressbooks. <https://louis.pressbooks.pub/introductorystatistics/>. License: CC BY-SA

- Lane, D. M. (2003). *Introduction to statistics*. David Lane. Open Textbook Library.
<https://open.umn.edu/opentextbooks/textbooks/introduction-to-statistics>.
License: CC BY
- Moore, K. et al. (2023). *Quantitative methods for plant breeding*. Iowa State University Digital Press. Pressbooks. <https://iastate.pressbooks.pub/quantitativeplantbreeding/>. License: CC BY-NC
- Sardarli, A. & Volodin, A. (2026). *Introductory statistics*. University of Regina. Pressbooks <https://www.saskoer.ca/introstat/>. License: CC BY-NC-SA

Intellectual property and its management in agriculture

- Boyle, J. & Jenkins, J. (2018). *Intellectual property: Law & the information society—Cases and materials* (Updated ed.). James Boyle & Jennifer Jenkins. Open Textbook Library.
<https://open.umn.edu/opentextbooks/textbooks/intellectual-property-law-the-information-society-cases-and-materials>. License: CC BY-NC-SA
- Rantanen, J. (2025). *Introduction to intellectual property law*. University of Iowa College of Law. Pressbooks. <https://pressbooks.uiowa.edu/intro-ip-development/>. License: CC BY-NC-SA

Principles and practices of water management

- Moorberg, C. J. (2025). *Soil and water conservation laboratory manual*. New Prairie Press. Pressbooks. <https://kstatelibraries.pressbooks.pub/soil-water-conservation-lab-manual/>. License: CC BY-NC-SA
- Moorberg, C. (Ed.). (2019). *Soil and water conservation: An annotated bibliography*. New Prairie Press. Pressbooks. <https://kstatelibraries.pressbooks.pub/soilandwater/>. License: CC BY

Agricultural research, research ethics and rural development programmes

- Academic Skills in the Library. (2026). *Research skills for students*. University of Galway. Pressbooks. <https://openpress.universityofgalway.ie/researchskillsforstudents/>. License: CC BY-NC-SA
- Montakhaby, S. (2024). *Crafting research narratives that transcend technical jargon: An enhanced self-guided journey to mastering your thesis*. McMaster University. Pressbooks. <https://ecampusontario.pressbooks.pub/craftingresearchnarratives/>. License: CC BY-NC-SA
- Sheppard, V. (2020). *Research methods, data collection and ethics*. Pressbooks. <https://ecampusontario.pressbooks.pub/researchmethodsandethics/>. License: CC BY-NC-SA

Cropping system and sustainable agriculture

- Carlsson, L., et al. (2026). *Sustainability, food systems, and nutrition*. Acadia University. Pressbooks. <https://pressbooks.atlanticoer-relatlantique.ca/sustainabilityfoodsystemsandhealth/>. License: CC BY-NC
- Millison, A. (2019). *Introduction to permaculture*. Oregon State University. Pressbooks. <https://open.oregonstate.education/permaculture/>. License: CC BY-NC

Millison, A. (2019). *Permaculture design: Tools for climate resilience*. Oregon State University. Pressbooks. <https://open.oregonstate.education/permaculturedesign/>. License: CC BY-NC

Principles and practices of organic farming

Hmanns. (2024). *Understanding organic agriculture in Canada*. University of Guelph.

Pressbooks. <https://books.lib.uoguelph.ca/organicag/>. License: CC BY-NC-SA

Lintner, A. (2021). *Exploring the hidden world of microbes: A curriculum for enhancing farmer microbial literacy*. Pressbooks.

<https://pressbooks.claremont.edu/lintnerpomona2021/>. License: CC BY-NC