

**Penn State Extension Field & Forage Crops and Dairy & Livestock Team – Report for PaGLC
Oct 2021 – Jan 2022**

Previous Activities:

- Aug/Sept. 2021. (more planned for 2022) Bovine Banter podcast. Various grazing dairy farmers were interviewed about their grazing practices. Topics included: how to treat your pastures for optimum growth, intensive grazing, hybrid grazing models, and regulations around grazing dairy cows. <https://extension.psu.edu/bovine-banter> A. Yutzy, C. Becker, G. Fenton, and A. Barragan.
- October 19. “Managing Intensive Grazing of Cover Crops for Soil Health and Profitability” presented by Divya Pant at Keystone Crops and Soils Conference. Discussed soil biology and physical properties in relation to grazing cover crops as well as some economic analysis.
- October 21. “Grazing Cover Crops – bang or bust?” presented by Sjoerd Duiker at No-Till & Cover Crop Implementation Field Workshop at Rutgers’ Snyder Research Farm in Pittstown, NJ. Discussed the benefits of how grazing cover crops can increase the overall benefits of the cover crop while also looking into potential for compaction.
- October 27. Penn State Dairy Nutrition Conference in Hershey, Dauphin County. C. Becker. Conference included a session on how to design and what to include in a grazing plan.
- October 30. “How to Use a Cornell Soil pH Test Kit” presented by Nicole Santangelo at Adaptive Grazing Management Group’s, NY/PA Gra\$\$ Roots Grazing Walk in Potter County, PA. Attendance low but sessions broadcasted to 1,400 followers internationally. (May reach out to GLC in the future for support).
- Fall 2021. Equine intro / Basic Pasture management. Forages team has been provided support and information to equine team.

Upcoming Activities:

- Thursdays in February. Fundamentals of Equine Pasture Management. Hosted by equine team to include speakers from field and forage crops and weed management team.
- Feb. 22 from 7-8pm. Wrangling More Days out of the Grazing Season for Sheep and Goats webinar. Topics include: options for reseeding pastures for sheep and goat production, grazing management practices to improve production, and methods to extend the grazing season. D. Hartman (this workshop is part of a series on small ruminant production planned by M. Barkley).
- March 8 and 15. In-person, day-long forages workshops in Fayette and Bradford counties, respectively, to include hay and pasture topics based on local needs.
- March 16. Forage Production Webinar. Will include information on producing high quality forages while also touching on forage fertility, grazing techniques and more.
- April 12-14 from 6:30-9pm each day. Northern Tier Beef and Sheep series. Meetings will move from Tioga to Bradford and Susquehanna Counties. Topics include: information about pasture and grazing management. D. Hartman and C. Maierle.
- April 19. Pasture Management Workshop from 10am – 2pm, location TBD but intended to be a grazing dairy farm in SE PA. Topics include: grazing plan, fly management, body condition scoring and supplementation, using pasture stick to measure available dry matter, and Organic Valley’s satellite pasture management project. C. Becker, R. Rosemond.

Articles:

- 11/4/21 Grazing Cropland published in Field Crop News.
- 11/18/21 Tips for Managing Nutrients When Fertilizer Prices are High published in Field Crop News.

Extension staff continue to do farm visits, write columns for local papers and also articles for the extension website, some of which may not be included in this list.