NCCC211 2014/2015 Publications

Peer-reviewed


3. Dorn, KM; Fankhauser, JD; Wyse, DL; Marks, MD. 2013. De novo assembly of the pennycress (Thlaspi arvense) transcriptome provides tools for the development of a winter cover crop and biodiesel feedstock. The Plant Journal. 75(6):1028–038.

4. Dorn, KM; Fankhauser, JD; Wyse, DL; Marks, MD. 2015. A draft genome of field pennycress (Thlaspi arvense) provides tools for the domestication of a new winter biofuel crop. DNA Research. doi: 10.1093/dnares/dsu045


Proceedings

1. Berti, M.T., B.L. Johnson, R. Gesch, A. Aponte, J. Lukaschewsky, Y. Ji, and W. Seames. 2014. Energy balance of relay- and double-cropping systems for food, feed, and fuel in the...


Conferences and abstracts


**Extension**

3. Cover Crop Termination
5. Forage Herbicide Quick Sheet: Spring Seeded Forages after Corn
7. Forage Herbicide Quick Sheet: Cereal Rye Forage after Corn Silage

10. Herbicide Rotational Restrictions in Forage and Cover Cropping Systems


14. Practical Farmers of Iowa research reports: Published 11 reports from on-farm research trials where farmers compared the ecological and economic resilience of cover crop systems to a control on their farms.


Research Grants
2. Preserving water resources in Wisconsin.” USDA-NRCS Conservation Innovation Grant, 2012-2014. ($1,400,051)
3. Building market foundations for sustainable vegetable production and processing.” USDA-SCRI, 2012-2016. ($2,523,336)
5. Assessing the benefits of radish as a cover crop.” SARE-Graduate Student Program, 2013-2014. ($9,484)


**Graduate students in cover crops research**

**MS students:** 2 in North Dakota, 2 in Minnesota, 4 in Wisconsin, 4 in Michigan, 4 in Indiana, 9 in Iowa, and 3 in Illinois. Total= 28 MS students

**PhD students:** 3 in North Dakota, 2 in Minnesota, 1 in Wisconsin, 4 in Iowa, and 1 in Indiana. Total= 11 PhD students

**Postdoctoral Researchers**

3 in Iowa