

Research Farm Projects

<u>Research Project/Demonstration</u>	<u>Project Leader</u>
1. P-K rate study	A. Mallarino
2. P-K placement and rate study	A. Mallarino
3. P-K placement and rate (2 rotations, 4 tillages)	A. Mallarino
4. K rate study	A. Mallarino
5. Rate of lime study	S. Henning
6. Crop rotation–nitrogen fertility study	A. Mallarino
7. Corn N rate × hybrid study	C. Ingels, J. Rodacap
8. Corn N rate × tillage study	ISU NERF
9. Evaluation of weed management strategies in corn and soybeans	M. Owen
10. Evaluation of corn rootworm insecticides and YieldGard® Technology	J. Tollefson
11. Evaluation of planter-applied, seed treatments and YieldGard® rootworm corn varieties	ISU NERF
12. Evaluation of soybean bean leaf beetle insecticides for bean pod mottle virus control	M. Rice, J. Hill
13. Evaluation of RR® conventional and food-grade soybean varieties	ISU NERF
14. Evaluation of soybean aphid insecticides, seed treatments, and application timings	M. O’Neal
15. Evaluation of fungicides, application timings, and varieties for soybean diseases	X.B. Yang
16. Western bean cutworm monitoring and insecticide effectiveness on corn	ISU NERF
17. Impact of manure N-P management system on water quality	Kanwar, Mallarino, Baker, Sawyer
18. Hydrogeology and water quality studies in the Devonian Aquifer	B. Simpkins
19. Hydrogeology and water quality studies near subsurface tile drainage	B. Simpkins
20. Evaluation of water tables, tiling methods, and tile spacing distances	T. Colvin
21. Soil/plant root/soil water observation pit	ISU NERF
22. IFLM—manure/compost fertilizer/tillage study	M. Al-Kaisi
23. Corn planting date × Bt/non-Bt × starter fertilizer study	ISU NERF
24. Soybean planting date × maturity study	ISU NERF
25. Soybean planting date × planting population study	P. Pedersen
26. Triticale fall planting date study	L. Gibson
27. Oat/barley/triticale variety testing	J. Jannink
28. Alfalfa variety and breeding studies	C. Brummer
29. Corn breeding research	K. Lamkey
30. Bt/nonBt corn variety study	ISU NERF
31. Specialty/exotic soybean/corn variety demonstration	ISU NERF
32. Corn planting date × polymer seed coating study	ISU NERF
33. Forage grass variety evaluation for low K content	R. Horst, J. Russell
34. Forage species demonstration	ISU NERF
35. Organic-chemical farming systems	M. Duffy, M. Liebman
36. Corn planting depth study	ISU NERF
37. Corn population × variety study	ISU NERF
38. Long-term tillage × crop rotation studies	M. Hanna, M. Al-Kaisi
39. Drill (10 in.) versus row (30 in.) no-till planted soybeans	ISU NERF
40. Home demonstration garden	C. Haynes
41. Grape cultivar evaluation study	P. Domoto
42. Pawpaw tree winter hardiness demonstration	P. O’Malley
43. Strawberry variety trial	P. O’Malley
44. Windbreak plant species evaluation	ISU NERF
45. Butterfly garden/goldfish pond	ISU NERF