

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. Crop rotation–nitrogen fertility study	J. Sawyer
8. Corn N rate × hybrid study	C. Ingels, J. Rodacap
9. Corn N rate × N source × tillage study	C. Ingels, J. Rodacap
10. Evaluation of weed management strategies in corn and soybeans	M. Owen
11. Evaluation of corn rootworm insecticides and YieldGard® technology	J. Tollefson
12. Evaluation of planter-applied insecticide treatments and YieldGard® rootworm corn varieties	ISU NERF
13. Evaluation of soybean bean leaf beetle biology and insecticide timing	M. O’Neal
14. Evaluation of RR® conventional and food-grade soybean varieties	ISU NERF, Jim Jensen
15. Evaluation of soybean aphid insecticides, seed treatments, and application timings	M. O’Neal
16. Evaluation of fungicides, application timings, and varieties for soybean diseases	X.B. Yang, A. Robertson
17. Sentinel planting date × variety maturity study for Asian rust detection	X.B Yang, A. Robertson
18. Western bean cutworm monitoring and insecticide effectiveness on corn	ISU NERF
19. Impact of manure N-P management system on water quality	R. Kanwar, A. Mallarino, J. Sawyer
20. Hydrogeology and water quality studies in the Devonian Aquifer	B. Simpkins
21. Hydrogeology and water quality studies near subsurface tile drainage	B. Simpkins
22. Evaluation of water tables, tiling methods, and tile spacing distances	ISU NERF
23. Soil/plant root/soil water observation pit	ISU NERF
24. IFLM—manure/compost fertilizer/tillage study	M. Al-Kaisi
25. Corn planting date × Bt/non-Bt × starter fertilizer study	ISU NERF
26. Soybean planting date × maturity × aphid insecticide study	ISU NERF
27. Soybean planting date × planting population study	P. Pedersen
28. Triticale fall planting date study	L. Gibson
29. Oat and barley variety testing	J. Jannink
30. Alfalfa variety and breeding studies	C. Brummer
31. Corn breeding research	K. Lamkey
32. Bt/nonBt corn variety study	ISU NERF
33. Specialty/exotic soybean/corn variety demonstration	ISU NERF
34. Corn planting date × polymer seed coating study	ISU NERF

Project List (continued)

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| 35. Forage grass variety evaluation for low K content | R. Horst |
| 36. Forage species demonstration | ISU NERF |
| 37. Organic-chemical farming systems | M. Duffy,
M. Liebman |
| 38. Corn planting depth study | ISU NERF |
| 39. Corn population × variety study | ISU NERF |
| 40. Corn inoculant study | P. Pedersen,
R. Elmore |
| 41. Long-term tillage × crop rotation studies | M. Hanna,
M. Al-Kaisi |
| 42. Drill (10 in.) versus row (30 in.) no-till planted soybeans × fungicide study | ISU NERF |
| 43. Home demonstration garden | C. Haynes |
| 44. Grape cultivar evaluation study | P. Domoto |
| 45. Pawpaw tree winter hardiness demonstration | P. O'Malley |
| 46. Strawberry variety trial | P. O'Malley |
| 47. Windbreak plant species evaluation | ISU NERF |