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Research Farm Projects

Northeast Research and Demonstration Farm

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Research Farm Projects

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Research Farm Projects

Research Project/Demonstration	Project Leader
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. Roberton
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)

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