



Fig. 7. Fall Manure Nutrient Conservation management strategy timeline.

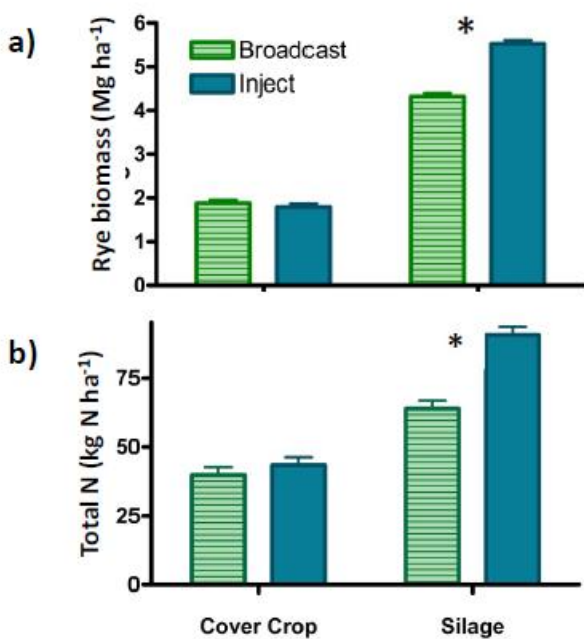


Fig. 8. Rye biomass (a) and total nitrogen content in rye biomass (b), managed as a cover crop or silage with broadcasted or injected manure. Values designated with an asterisk (\*) differ at a  $p < 0.05$ .

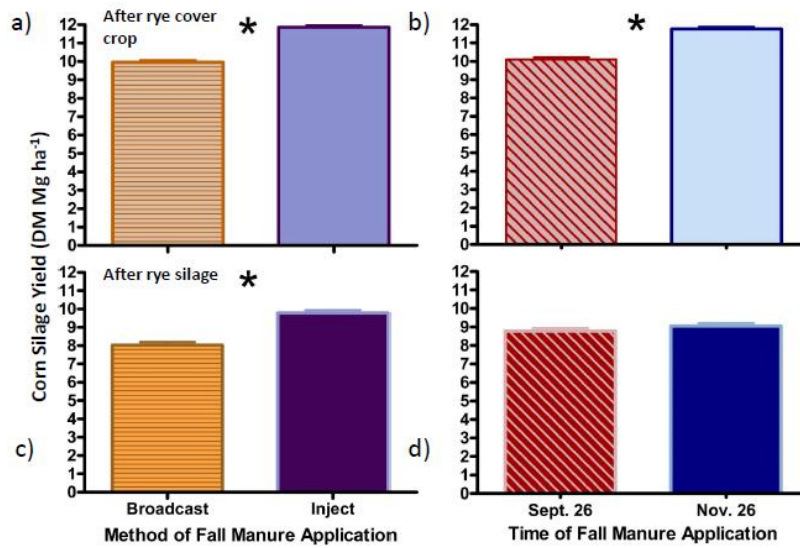


Fig. 9. Corn silage yields, (a) and (b) after a rye cover crop or after a rye silage (c) and (d). Method of application is compared (a) and (c) as well as time of application (b) and (d). Values designated with an asterisk (\*) differ at a  $p < 0.05$ .

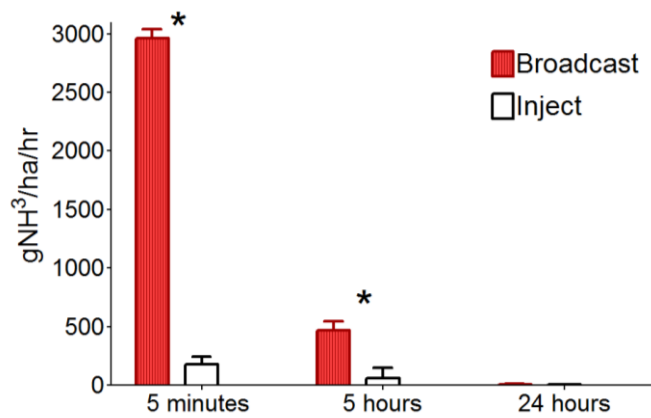


Fig. 10. Ammonia gas measurements taken on September 26, 2013 approximately 5 minutes, 5 hours, and 24 hours after manure was either broadcasted or injected.

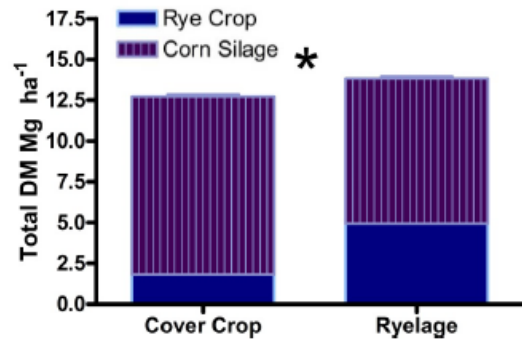


Fig. 11. Total dry matter biomass yields after a rye cover crop or after rye silage. Values designated with an asterisk (\*) differ at a  $p < 0.05$ .