



PROGRESS REPORT

PROJECT TITLE: Tracking nitrogen mineralization in Northwest Minnesota soils growing corn

PROJECT NUMBER: 6127-24DD

REPORTING PERIOD: July 1 to September 30, 2024

PRINCIPAL INVESTIGATOR: Lindsay Pease

ORGANIZATION: University of Minnesota

PHONE NUMBER: 218-281-8608

EMAIL: lpease@umn.edu

1.) PROJECT ACTIVITIES COMPLETED DURING THE REPORTING PERIOD. *(Describe project progress specific to goals, objectives, and deliverables identified in the project work plan.)*

In-season soil moisture and nitrogen mineralization monitoring on field plots with different N rates (0, 60, 120, 180, 240 lb N/ac) and soil texture continued and were collected on a biweekly basis. Laboratory analysis of N mineralization samples will begin at the conclusion of the growing season. Corn harvest is planned for October 2024.

2.) IDENTIFY ANY SIGNIFICANT FINDINGS AND RESULTS OF THE PROJECT TO DATE.

None

3.) CHALLENGES ENCOUNTERED. *(Describe any challenges that you encountered related to project progress specific to goals, objectives, and deliverables identified in the project work plan.)*

None

4.) FINANCIAL INFORMATION *(Describe any budget challenges and provide specific reasons for deviations from the projected project spending.)*

To date, we have not had any budget challenges or need to deviate from projected project spending.

5.) EDUCATION AND OUTREACH ACTIVITIES. *(Describe any conferences, workshops, field days, etc. attended, number of contacts at each event, and/or publications developed to disseminate project results.)*

None