

CALL US FOR MORE INFORMATION:



(715) 658-2767

RED CEDAR AG

GRAM+ : GRAM-

SEE IT IN THE FIELD

Acres: 17766

	2024	2025
% High Risk	79.60%	93.70%
% Moderate Risk	14.20%	5.90%
% Low Risk	6.20%	0.30%

About

The ratio of Gram-positive (Gram+) to Gram-negative (Gram-) bacteria help us understand how a soil microbial community is responding to its environment. These two groups are classified by differences in their cell walls, which relate to how they function ecologically. Gram+ bacteria often thrive in plant-associated communities and tend to grow quickly under ideal conditions; a high proportion can indicate the soil is emerging from dormancy or experiencing stress such as heat or drought. Gram- bacteria are generally more tolerant of environmental pressures and can be associated with stresses like heavy pesticide use, intensive tillage, metal toxicity, or low-oxygen conditions. The balance between these groups provides insight into the types of stress and management pressures affecting the soil ecosystem.



info@redcedarag.com



www.redcedarag.com