



COLORADO

Department of Transportation

Office of the Chief Engineer

Design Bulletin

Division of Project Support
Project Development Branch
Design Program

Revisions to Standard Special 212
2025 Number 4, Page 1 of 1
Date: October 17, 2025

Revisions to Standard Special 212- Soil Amendments, Seeding, and Sodding

Purpose

This Design Bulletin is for all projects that have seeding and amendments per 212. The purpose of this Design Bulletin is to instruct designers on the manual specification edits required in the Standard Special Provision 212 Soil Amendments, Seeding, and Sodding while these modifications advance through the formal specification revision processes.

Necessary Actions

1. For all projects with Mycorrhizae pay item, remove Table 212-12 Physical Requirements of Endo Mycorrhizae.
 - a. Acute Toxicity is an unnecessary and expensive test that is non-standard for the material and causes unnecessary rejection of mycorrhizae submittals.
2. Topsoil Analysis results:
 - a. If project has high salinity soils as determined by the topsoil laboratory analysis:
 - Include humate and sulfur quantities and pay items.
 - Remove Acute Toxicity testing requirements of Humate in Table 212-11.
 - b. If project does not have high salinity soils that need to be mitigated as determined by the topsoil laboratory analysis:
 - Do not include pay items for Subsection 212.02(e) Humate and Section 212.02(g) Sulfur as they are unnecessary.

For additional questions, please contact your region's environmental specialist or HQ Landscape Architect Section Manager Pamela Cornelisse pamela.cornelisse@state.co.us.

Reference Documents

[Standard Special Provision 212 Soil Amendments, Seeding, and Sodding](#)
[Sections 207 and 212 Landscape Plans and SWMP Design guidance](#)
[Topsoil Testing Procedure](#)
[Topsoil Calculator](#)