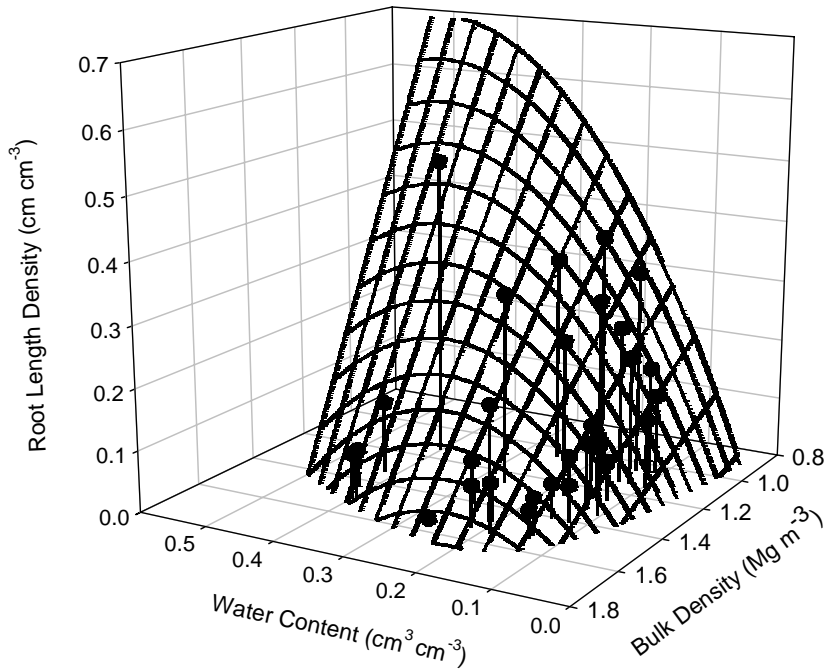


Dome - Ponderosa Pine

$$\text{RLD} = -0.01 + 5.53 \cdot \text{VW} - 0.08 \cdot \text{BD} - 2.47 \cdot \text{VWBD} - 3.44 \cdot \text{VW}^2$$

$P = 0.0001, R^2 = 0.81$



Cohasset - Ponderosa Pine

$$\text{RLD} = 0.60 + 0.37 \cdot \text{VW} - 0.51 \cdot \text{BD}$$

$P = 0.0001, R^2 = 0.78$

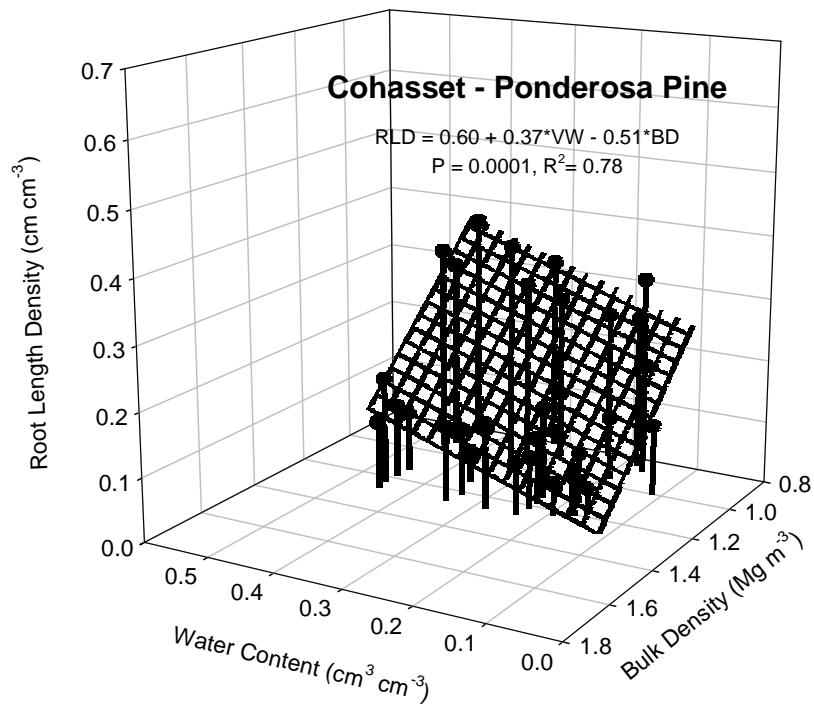


Figure V.4. Root length density of ponderosa pine seedlings grown on Dome and Cohasset soils as a function of bulk density and water content.