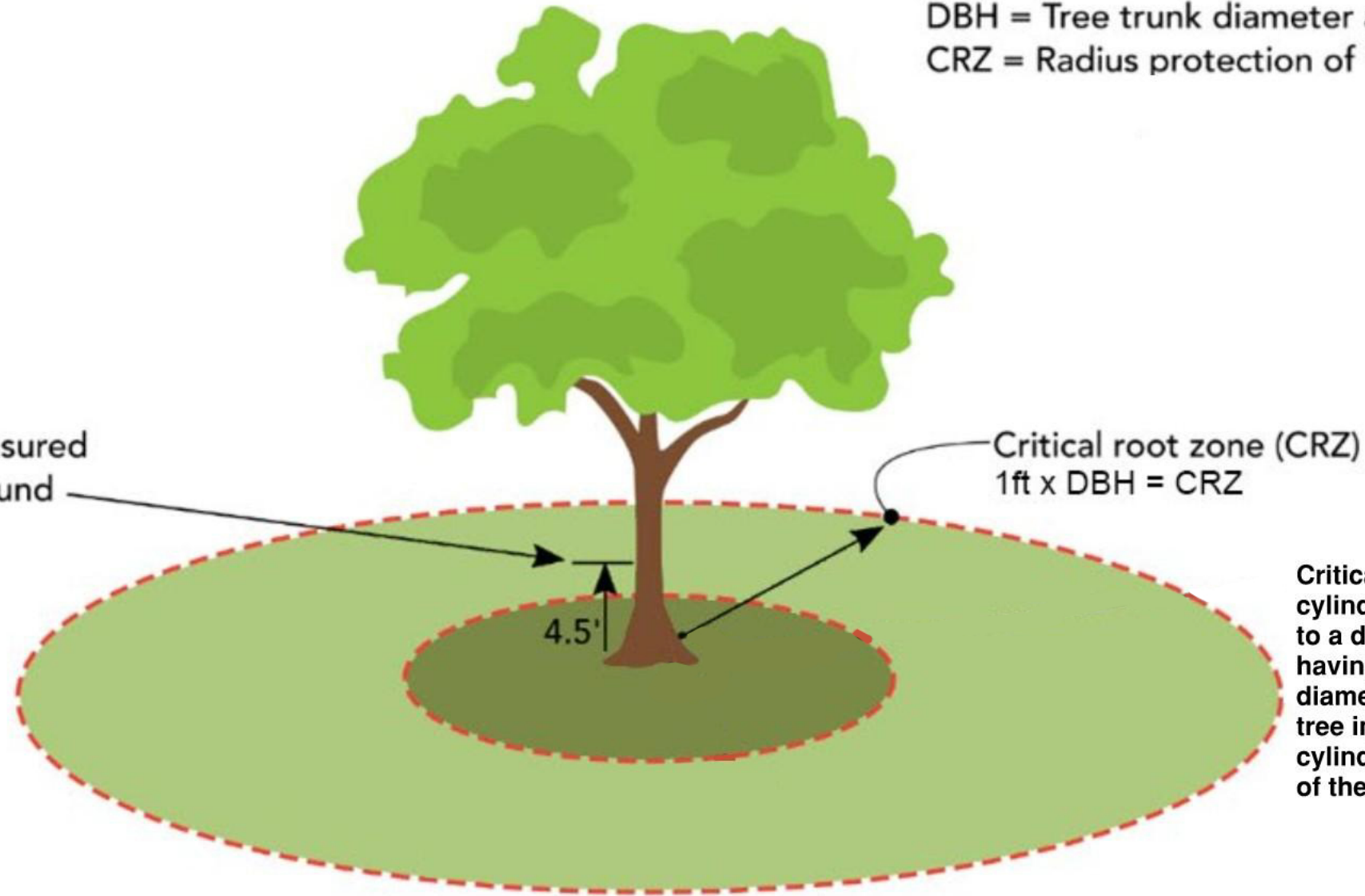


DBH = Tree trunk diameter at 4.5 ft above grade  
CRZ = Radius protection of 1 ft per inch of DBH.

Diameter of tree measured  
at 4.5 feet above ground  
level=DBH



Critical root zone (CRZ)  
 $1\text{ft} \times \text{DBH} = \text{CRZ}$

Critical root zone (CRZ) of a tree is a cylinder extending from grade level down to a depth of ten (10) feet below grade, having a radius in feet equal to the diameter at breast height (DBH) of the tree in inches, with the center of the cylinder located at the center of the trunk of the tree.