

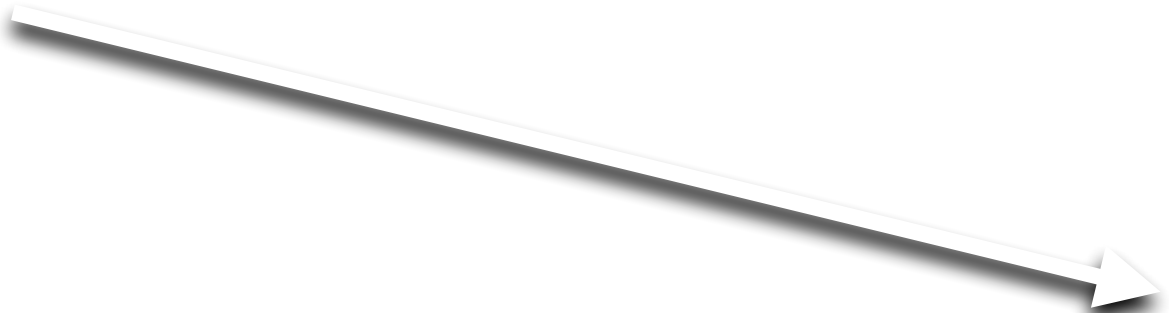








**How much  
water is this  
tree using?**





**How much  
water is this  
tree using?**





# The Importance of Transpiration ( $T$ )



**WATER  
BALANCE:**

$$\frac{d\theta}{dt} = P - T - E - L - Q$$