



## **COST OF WATER LANDSCAPING**

Information presented at the CAI Educational Luncheon, 3/2011

### **WHAT DOES IT COST TO IRRIGATE OUR THREE TYPES OF LANDSCAPES?**

➤ **One square foot of turf** needs about **30 gallons** of water per year.  
➤ **One acre of turf** grass would need about **1,306,800 gallons** of water per year.  
➤ 1,306,800 gallons of water is 1,747 CCF (gallons / 748 = CCF)  
So, 1,747 CCF in water use x \$3.08 per CCF unit cost = **\$5,380 per acre per year**

➤ **One square foot of Typical Shrubs** needs about **15 gallons** of water per year.  
➤ **One acre of Typical Shrubs** would need about **653,400 gallons** of water per year.  
➤ 653,400 gallons of water is 874 CCF (gallons / 748 = CCF)  
So, 874 CCF in water use x \$3.08 per CCF unit cost = **\$2,691 per acre per year**

➤ **One square foot of Low Water Use Plants** needs about **5 gallons** of water per year.  
➤ **One acre of Low Water Use Plants** would need about **271,800 gallons** of water per year.  
➤ 270,800 gallons of water is 363 CCF (gallons / 748 = CCF)  
So, 363 CCF in water use x \$3.08 per CCF unit cost = **\$1,118 per acre per year**

<b>Type</b>	<b>Cost per acre/per year</b>
<b>Turf</b>	<b>\$5,380</b>
<b>Typical Shrubs</b>	<b>\$2,691</b>
<b>Low Water Use Plants</b>	<b>\$1,118</b>