

Maximum Applied Water Allowance

The following calculations will help you determine your site specific water budget and establish a planting mix that will allow you to meet your water budget. Your Estimated Total Water Use must be less than your Maximum Applied Water Allowance.

1.) Maximum Applied Water Allowance (MAWA)

MAWA = (ETo) (0.62)[(0.7x LA) + (0.3 x SLA)]

Where:

ETo = Annual Net Reference Evapotranspiration (inches)

0.6 = ET Adjustment Factor

LA = Landscaped Area (square feet)

0.62 = Conversion factor (to gallons per square foot)

SLA = Portion of the landscape area identified as Special Landscape Area (square feet)

0.3 = the additional ET adjustment factor for Special Landscape Area (1.0 - 0.7 = 0.3)

A.) Net Evapotranspiration Calculation

39.70 (Annual ETo)

(Annual Rainfall) x .25 = 0.00 (Effective Rainfall)

Net Evapotranspiration Calculation = Annual ETo - Effective Rainfall = 39.70

B.) Adjusted Landscape Area Calculation

6445	x 0.7	
(Landscaped Area)	Adjustment Factor	

0 x 0.3 = (Special Landscaped Area) Adjustment Factor

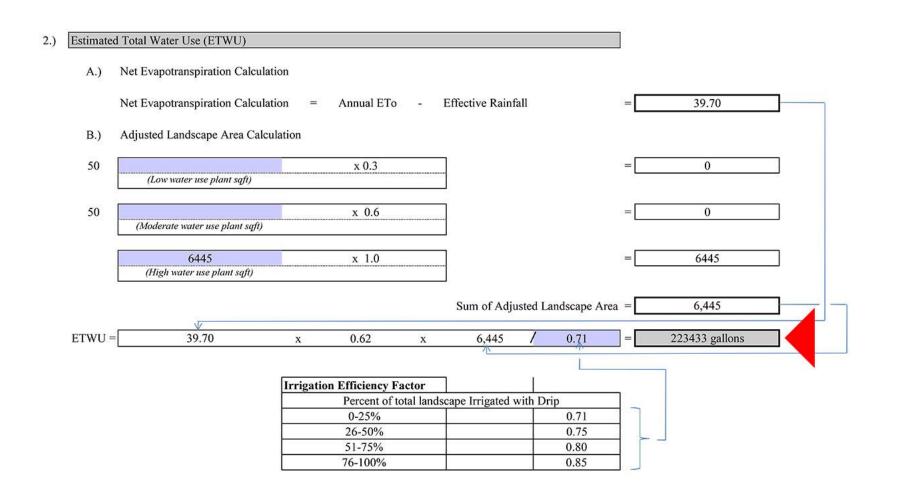
Sum of Adjusted Landscape Area = 4511.5

4511.5

0

MAWA = 39.70 x 0.62 x 4511.5 = 111046 gallons

Water Budget: All Landscape area Marathon II Sod



Water Budget: Existing Approved Landscape Design

