Turf Conversion Rebate

Plant Coverage Worksheet Instructions

1. **Column A – Plant Name** - List the botanical names of the exact plants used in your converted area. You may choose any plant as long as it is medium, low, or very low water use and is non-invasive in this region.
2. **Column B – Plant Coverage Value** - Enter the Plant Coverage Value of each plant in Column B. You can use the River Friendly Landscape Program Plant List to find the Plant Coverage Value for each plant in your converted area, and for plants not on the Plant List, you will need to find a reliable source (such as the Sunset Western Garden Book or an online nursery) to find the width/spread of the plant. Once you know this, you can refer to the Plant Coverage Value Chart below to find the coverage value.
3. **Column C – Quantity** - Enter the quantity of each plant to be used in Column C.
4. **Column D – Total Plant Coverage** – Multiply Column B by Column C to determine the total plant coverage for each plant used and enter that number in Column D.
5. **Column E – Source** – Please provide a reliable source for where you found the water use and spread/width for each of the plants on your plant coverage worksheet. If it is the City of Sacramento Plant List, please provide page number. If outside of the Plant List, please use an easily accessible source such as a website so that River Friendly Landscape Staff can verify your plant information.
6. **Item F – Total Plant Coverage Values** - Add all of the plant coverage values in Column D and enter that total (sum) in Item F.
7. **Item G – Grass (Lawn) Conversion Area** - Enter the square footage of grass you plan to convert in Item G.
8. **Item H – Total Plant Coverage of Converted Area** - Divide Item F by Item G and multiply that value by 100 to obtain Item H – Total Plant Coverage of Converted Area.

Coverage Value Chart

Coverage value also can be obtained by multiplying the diameter of the plant's canopy by 0.7854. Example: 0.7854 x 5 ft. diameter x 5 ft. diameter = 20 ft. Totals under 0.5, round down to the next whole number; totals above 0.5, round up.

Plant Diameter (Width in Feet)	Coverage Value (in Square Feet)	Plant Diameter (Width in Feet)	Coverage Value (in Square Feet)	Plant Diameter (Width in Feet)	Coverage Value (in Square Feet)
1	1 (0.7854)	6	28	11	95
1 ½	2	6 ½	33	11 ½	104
2	3	7	38	12	113
2 ½	5	7 ½	44	12 ½	123
3	7	8	50	13	133
3 ½	10	8 ½	57	13 ½	143
4	13	9	64	14	154
4 ½	16	9 ½	71	14 ½	165
5	20	10	79	15	177
5 ½	24	10 ½	87	15 ½	189

City of
SACRAMENTO
Department of Utilities

Customer Name:

Customer Address:

Column A **Plant Name**	Column B **Plant Coverage Value (sq. ft.)**		Column C **Quantity**	Column D **Total Plant Coverage**	Column E **Source**
		X			
		X			
		X			
		X			
		X			
		X			
		x			
		x			
		x			
		x			
		x			
		x			

Item F	**Total Plant Coverage Values** (Sum of Column D)	=		sq. ft.
Item G	**Grass (Lawn) Conversion Area**	=		sq. ft.
Item H	**Total Plant Coverage of Converted Area** (Item F ÷ Item G=___ x 100 = Item G)	=		%