



## RAINWATER TANK SIZING EXAMPLE

### EFFECT OF TANK SIZE ON ANNUAL PERFORMANCE

*(Derived from RAIN-TANK 2017 Worksheet)*

#### INPUTS

**Location:** Abbotsford, BC  
**Household Usage:** 2,500 imp gal/month + summer irrigation

**Roof Area:** 2,000 sq. ft.

Tank Size (imp gal)	Rainwater Wasted (imp gal)	Rainwater Usage Shortfall (imp gal)
2,000	46%	17%
4,000	42%	11%
6,000	39%	6%
8,000	35%	1%
10,000	35%	0%
12,000	35%	0%
20,000	35%	0%

**Roof Area:** 1,500 sq. ft.

Tank Size (imp gal)	Rainwater Wasted (imp gal)	Rainwater Usage Shortfall (imp gal)
2,000	33%	23%
4,000	28%	17%
6,000	23%	12%
8,000	19%	6%
10,000	14%	1%
12,000	9%	0%
14,000	4%	0%

**Roof Area:** 1,000 sq. ft.

Tank Size (imp gal)	Rainwater Wasted (imp gal)	Rainwater Usage Shortfall (imp gal)
2,000	10%	31%
4,000	3%	26%
6,000	0%	23%
8,000	0%	23%
10,000	0%	23%
12,000	0%	23%