

INPUT DATA		
Connected roof Area	139	m ²
In-house daily demand	103.3	L
Tank sizes selected for consideration		
Smallest tank volume	500	L
Largest tank volume	5000	L

Output				
	Average annual yield (kL)	Percentage of total demand supplied by tank (%)	Average number of days with zero supply	Estimated Cost \$/kL
Suggested tank size (L)				
500	20.37	53.8%	143.09	16.45
1000	24.96	66.0%	107.65	8.12
1500	27.39	72.4%	87.59	7.86
2000	28.87	76.3%	75.81	7.84
2500	29.98	79.3%	66.28	7.86
3000	30.82	81.5%	59.01	7.93
3500	31.42	83.1%	54.08	8.03
4000	31.89	84.3%	50.40	8.14
4500	32.31	85.4%	46.89	8.25
5000	32.65	86.3%	44.47	8.37

OUTPUT DATA		
Rainfall input data years	12.0	yr
Average annual rainfall	439	mm/yr
Tank selection		
Suggested tank size is approx.	2000	L
Average annual yield	29	kL/yr
Aver. number of days with zero supply	76	days/yr
% of total demand supplied by tank	76%	

