

ROD N REEL - BREWERY CAPACITY CALCULATOR

Annual Beer Sales (L)		Brews per Week	Brews per Year	Required FV Amount (HL Tanks)					Check	Excise Rates (LAL)	
Initial Target	15,000	0.7	33.3	Set Brew Lengths ->	0.5	1	2	3		4	Full Strength Keg
Max Capacity	30,000	1.3	66.7		2.5	5	10	15	20	Mid Strength Keg	\$ 32.33
Brewlength (Litres/Run)	500			Tank Config	Now	0.0	2.5	0.0	0.0	0.0	2.5
Production Weeks	50				Future	0.0	4.9	0.0	0.0	0.0	4.9
Estimated Packaging Split (%)	0%				START WITH ->	0	5	0	0	0	5.0
Packout Efficiency	90%				At Capacity ->	0	5	0	0	0	5.0
Max Grist Load (kg)	106			MAX WATER RATES	Yearly (kl)	Weekly (kl)	Daily (kl)		Daily AVG (kl)	Average Specs	
Estimated Water Usage / Litre	7			Mains Water Req	233	4.7	1.2		0.64	BH Efficiency	90%
Estimated Waste Water / Litre	6			Waste Produced	200	4.0	1.0		0.55	Moisture	4%
										Extract	80%

BEER RANGE STATS					INITIAL TARGET						MAX CAPACITY						
	Name	Alcohol	Final Gravity (SG)	Cycle Time (Day)	Sales %	Monthly Sales (L)	Annual Excise	Brews Per Annum	Required FV	Brews per Tank	Batch Cycle Time (Days)	Monthly Sales (L)	Annual Excise	Brews Per Annum	Required FV	Brews per Tank	Batch Cycle Time (Days)
1	Core 1	4.5%	1.010	21	30%	375	\$ 4,873.75	10.0	0.6	1.0	36.5	750	\$ 9,747.50	20.0	1.3	1.0	18.3
2	Core 2	5.0%	1.010	25	20%	250	\$ 3,734.12	6.7	0.5	1.0	54.8	500	\$ 7,468.23	13.3	1.0	1.0	27.4
3	Core 3	5.5%	1.010	28	20%	250	\$ 4,219.07	6.7	0.6	1.0	54.8	500	\$ 8,438.13	13.3	1.1	1.0	27.4
4	Creative 1	4.0%	1.010	21	12%	150	\$ 1,658.53	4.0	0.3	1.0	91.3	300	\$ 3,317.06	8.0	0.5	1.0	45.6
5	Creative 2	5.0%	1.010	25	10%	125	\$ 1,867.06	3.3	0.3	1.0	109.5	250	\$ 3,734.12	6.7	0.5	1.0	54.8
6	Creative 3	6.0%	1.010	28	8%	100	\$ 1,881.61	2.7	0.2	1.0	136.9	200	\$ 3,763.21	5.3	0.5	1.0	68.4
7						0	\$ -	0.0	0.0			0	\$ -	0.0	0.0		
8						0	\$ -	0.0	0.0			0	\$ -	0.0	0.0		
9						0	\$ -	0.0	0.0			0	\$ -	0.0	0.0		
					100%		\$ 18,234.12	33.3	2.5				\$ 36,468.24	66.7	4.9		