

2016/11/25 - Centennial Blond

Name	Centennial Blond			
Style	Blonde Ale		Brew Date	2016-11-25
Type	All Grain		Boil Size	14.5 gal
IBU's	22.2		Batch Size	12.0 gal
Color	4.1 SRM		Boil Time	60 min
	Estimated		Actual	
Pre-Boil OG	1.044			
OG	1.049		1.051	
FG	1.012		1.012	
ABV	4.9%		4.9%	
Efficiency	80.0%			
Grain	20.0 lbs	Canadian 2-Row 2014 Fall		87.0%
	0.5 lbs	Caramel/Crystal Malt - 20L		2.2%
	1.5 lbs	Cara-Pils/Dextrine		6.5%
	1.0 lbs	Vienna Malt		4.3%
Mash	75 mins	150 F	Infusion	
	10 mins	168 F	Mash Out	
Hops	60 mins	1.0 oz	Pearle (7.0%)	10.1 IBU
	20 mins	1.0 oz	Centennial (9.5%)	8.3 IBU
	5 mins	1.0 oz	Centennial (9.5%)	2.7 IBU
Additions	15 min	1.0	Whirlfloc Tablet	
	15 min	0.0	Wort Immersion Chiller	
Yeast	3.0	Safale US-05		
Fermentation	Primary	14 days	68.0 F	
	Cold Crash	2 days	37.0 F	
	Bottle/Keg	1 days	37.0 F	

Carbonation	Force Carbonation	15.9 psi	37.0 F
Notes	Tweaked. Crystal 20 added Perl used as bittering hop After 16 days: fg: 1012		