

Brewsheet: B051: Brownie

Engelsk brown ale

Type: All Grain **Date:** 06-11-2010
Batch Size: 55,00 L **Brewer:** Erik Borg
Boil Size: 67,49 L **Asst Brewer:**
Boil Time: 60 min **Equipment:** Eriks ny udstyr 55 l
Taste Rating(out of 50): 35,0 **Brewhouse Efficiency:** 81,00
Taste Notes:

Prepare for Brewing	
	Prepare Yeast Starter
	Clean and Prepare Brewing Equipment
	Prepare 78,63 L Water for Brewing

Mash or Steep Grains			
<u>Ingredients for Mashing</u>			
Amount	Item	Type	% or IBU
9,50 kg	Pale Malt (Weyermann) (6,5 EBC)	Grain	85,39 %
0,40 kg	Cara 20 (20,0 EBC)	Grain	3,60 %
0,40 kg	Melanoidin 40 (40,0 EBC)	Grain	3,60 %
0,25 kg	Cara 120 (120,0 EBC)	Grain	2,25 %
0,25 kg	Special B (Cara 300) (300,0 EBC)	Grain	2,25 %
0,13 kg	Roasted Barley (1400,0 EBC)	Grain	1,12 %
0,20 kg	Wheat, Raw (2,0 EBC)	Grain	1,80 %
<u>Mæskeprogram</u>			
Step Time	Name	Description	Step Temp
60 min	Forsukring	Add 33,37 L of water at 73,0 C	67,0 C
10 min	Udmæskning	Heat to 78,0 C over 15 min	78,0 C
Sparge with 45,25 L of 79,0 C water.			

Boil Wort			
Add water to achieve boil volume of 67,49 L			
Estimated pre-boil gravity is 1,045			
<u>Boil Ingredients</u>			
Boil	Amount	Item	Type
60 min	40,00 gm	Pilgrim [11,00 %] (60 min)	Hops
30 min	40,00 gm	Goldings, East Kent [4,60 %] (30 min)	Hops
10 min	7,00 gm	Yeast Nutrient (Boil 10,0 min)	Misc
10 min	11,00 gm	Servomyces Mix (Boil 10,0 min)	Misc
10 min	12,00 gm	Klar urt (Boil 10,0 min)	Misc
5 min	90,00 gm	Goldings, East Kent [4,60 %] (5 min)	Hops
Flaskegas (kun for			

0 min	5,60 kg	omkostningsberegning) (Boil 0,0 min)	Misc

Cool and Prepare Fermentation			
Cool wort to fermentation temperature			
Transfer wort to fermenter			
Add water to achieve final volume of 55,00 L			
<u>Ingredients for Fermentation</u>			
Amount	Item	Type	% or IBU
1 Pkgs	SafAle US Ale (Fermentis #US-05 (US-56), 11,5 g)	Yeast-Ale	
2 Pkgs	SafAle English Ale (Fermentis #S-04, 11,5g)	Yeast-Ale	
Measure Actual Original Gravity _____ (Target: 1,051 SG)			
Measure Actual Batch Volume _____ (Target: 55,00 L)			

Fermentation	
06-11-2010	Primary fermentation (5 days at 20,0 C)
11-11-2010	Secondary fermentation (10 days at 20,0 C)
N/A	Tertiary Fermentation (0 days at 20,0 C)
Prepare for Bottling/Kegging	
Measure Final Gravity: _____ (Estimate: 1,011 SG)	
21-11-2010	Keg beer at 2,0 C at a pressure of 8,0 PSI
Age beer for 28,0 days at 2,0 C	
19-12-2010	Drink and enjoy!

Notes	
Remove from inventory foretaget	
11/11, omstikning. SG: 6,9P, svarende til 1.013.	
20/11, aftapning. SG: 6,6P, svarende til 1.011. Lige på target.	

Created with [BeerSmith](#)