

BeerCalc: Sorte Engel

Style: Foreign Extra Stout

Brewer: Thomas Qvist

Vital Statistics

Volume	25 litres
OG	1074
Boil Volume	20 litres
Boil gravity	1092
Alcohol (ABV)	7.3 %
Colour	106 EBC (Black)
Bitterness	57 IBU
BU:GU	0.77
FG	1018



Fermentables

Pale Malt	7 EBC	6000 g
Special B	230 EBC	1000 g
Cara Crystal	120 EBC	1000 g
Roasted Barley	1100 EBC	500 g
Flaked Wheat	3 EBC	300 g
Chocolate Malt	800 EBC	200 g
Smoked Malt	6 EBC	200 g
Flaked Oats	4 EBC	250 g
		9450 g

Mash schedule

62-68 degrees for 70 minutes, 76-78 degrees for 10 minutes.

Total grain weight for mash: 9450 g

Hops

Challenger	7.6 %	100 g	60 min
Challenger	7.6 %	50 g	10 min

Misc Ingredients

Fermentation
