

Brett Grodziskie

- Gravity **7.8 BLG**
- ABV **3 %**
- IBU **37**
- SRM **3.5**
- Style **American Amber Ale**

Batch size

- Expected quantity of finished beer **8 liter(s)**
- Trub loss **5 %**
- Size with trub loss **8.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **10.1 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **3.9 liter(s)**
- Total mash volume **5.2 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **3.9 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **1 min** at **76C**
- Sparge using **7.5 liter(s)** of **76C** water or to achieve **10.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Grodziski pszeniczny wędzony dębem	1 kg (76.9%)	80 %	3
Grain	Płatki owsiane	0.2 kg (15.4%)	85 %	3
Grain	Abbey Malt Weyermann	0.1 kg (7.7%)	75 %	45

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	7 g	50 min	11 %
Whirlpool	Puławski	50 g	10 min	4.3 %