Mad Hops

- Gravity 15.7 BLG
- ABV 6.6 %
- IBU **44**
- SRM **5.7**
- Style American IPA

Batch size

- Expected quantity of finished beer 21 liter(s)
- Trub loss 5 %
- Size with trub loss 22.1 liter(s)
- Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 26.5 liter(s)

Mash information

- Mash efficiency 72 %
- Liquor-to-grist ratio 3.5 liter(s) / kg
- Mash size 22.8 liter(s)
- Total mash volume 29.3 liter(s)

Steps

• Temp 64 C, Time 60 min

Mash step by step

- Heat up 22.8 liter(s) of strike water to 70.3C
- Add grains
- Keep mash 60 min at 64C
- Sparge using 10.2 liter(s) of 76C water or to achieve 26.5 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	6 kg <i>(92.3%)</i>	85 %	7
Grain	Weyermann - Carapils	0.5 kg <i>(7.7%)</i>	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	20 g	60 min	10 %
Boil	Mosaic	20 g	30 min	10 %
Boil	Mosaic	20 g	15 min	10 %
Aroma (end of boil)	Mosaic	10 g	5 min	10 %

Yeasts

Name	Туре	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis