

Pale Ale Mosaic/simco

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **31**
- SRM **4**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.9 liter(s)**
- Total mash volume **10.6 liter(s)**

Steps

- Temp **68 C**, Time **65 min**
- Temp **75 C**, Time **5 min**

Mash step by step

- Heat up **7.9 liter(s)** of strike water to **76.1C**
- Add grains
- Keep mash **65 min** at **68C**
- Keep mash **5 min** at **75C**
- Sparge using **11.2 liter(s)** of **76C** water or to achieve **16.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Malt (2 Row) UK	2.5 kg (94.3%)	87 %	6
Grain	Briess - Wheat Malt, White	0.15 kg (5.7%)	85 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Simcoe	15 g	15 min	13.2 %
Aroma (end of boil)	Mosaic	15 g	15 min	10 %
Dry Hop	Mosaic	15 g	3 day(s)	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis