

S.M.A.S.H. MOSAIC 3

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **72**
- SRM **5.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **50 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **12.9 liter(s)** of **76C** water or to achieve **24.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale	6 kg (100%)	80 %	7

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	20 g	50 min	13.6 %
Boil	Mosaic	20 g	20 min	13.6 %
Boil	Mosaic	20 g	15 min	13.6 %
Boil	Mosaic	20 g	10 min	13.6 %
Boil	Mosaic	20 g	5 min	13.6 %
Dry Hop	Mosaic	50 g	7 day(s)	13.6 %

Yeasts

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