

## Single Hop Mosaic #2

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **25**
- SRM **4.6**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.7 liter(s)**
- Total mash volume **23.6 liter(s)**

### Steps

- Temp **55 C**, Time **5 min**
- Temp **64 C**, Time **25 min**
- Temp **72 C**, Time **55 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **17.7 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **5 min** at **55C**
- Keep mash **25 min** at **64C**
- Keep mash **55 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **21.2 liter(s)** of **76C** water or to achieve **33 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (84.7%)	80 %	5
Grain	Pszeniczny	0.2 kg (3.4%)	85 %	4
Grain	Karmelowy Jasny 30EBC	0.5 kg (8.5%)	75 %	30
Grain	Płatki owsiane	0.2 kg (3.4%)	85 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	10 g	60 min	10.4 %
Boil	Mosaic	10 g	30 min	10.4 %
Boil	Mosaic	20 g	15 min	10.4 %
Aroma (end of boil)	Mosaic	30 g	0 min	10.4 %
Dry Hop	Mosaic	30 g	5 day(s)	10.4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
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FM50 Kłosy Kansas	Ale	Liquid	100 ml	Fermentum Mobile
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