

## #21 Juicy APA

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- Gravity **10 BLG**
- ABV **4 %**
- IBU ---
- SRM **3.6**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.4 liter(s)**
- Total mash volume **19.8 liter(s)**

### Steps

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

### Mash step by step

- Heat up **15.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **69C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (90.9%)	80 %	5
Grain	Platki owsiane	0.4 kg (9.1%)	85 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Mosaic	30 g	0 min	10 %
Whirlpool	Azacca	30 g	0 min	14 %
Dry Hop	Mosaic	20 g	3 day(s)	10 %
Dry Hop	Azacca	20 g	3 day(s)	14 %

### Yeasts

Name	Type	Form	Amount	Laboratory
wlp095	Ale	Liquid	40 ml	White Labs