

AIPKA taka se

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **50**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.7 liter(s)**
- Total mash volume **23.6 liter(s)**

Steps

- Temp **67 C**, Time **65 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **17.7 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **65 min** at **67C**
- Keep mash **10 min** at **78C**
- Sparge using **12.3 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	5.5 kg (93.2%)	82 %	4
Grain	Platki owsiane	0.4 kg (6.8%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	30 g	60 min	12.7 %
Boil	Citra	10 g	20 min	12.7 %
Aroma (end of boil)	Mosaic	20 g	1 min	13.4 %
Aroma (end of boil)	Nelson Sauvign	20 g	1 min	12.3 %
Dry Hop	Mosaic	40 g	5 day(s)	13.4 %
Dry Hop	Nelson Sauvign	40 g	5 day(s)	12.3 %

Yeasts

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