

## ipka weselna

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- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **44**
- SRM **4.8**

### Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **22.5 liter(s)**

### Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

### Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

### Mash step by step

- Heat up **18.6 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **1 min** at **78C**
- Sparge using **9.2 liter(s)** of **76C** water or to achieve **22.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (94.3%)	80 %	5
Grain	Weyermann - Carapils	0.3 kg (5.7%)	78 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	40 g	30 min	12 %
Dry Hop	Cascade	40 g	3 day(s)	6 %
Dry Hop	Amarillo	40 g	3 day(s)	9.5 %
Dry Hop	Citra	40 g	3 day(s)	12 %