

## #4 IPA WifeBeerTradition

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- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **31**
- SRM **4.4**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **26.1 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

### Steps

- Temp **52 C**, Time **10 min**
- Temp **68 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **19.5 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **45 min** at **68C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **13.1 liter(s)** of **76C** water or to achieve **26.1 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Xtra pale Crisp	5 kg (76.9%)	82 %	3.5
Grain	Strzegom Monachijski typ I	0.5 kg (7.7%)	79 %	16
Grain	Pszeniczny	0.5 kg (7.7%)	85 %	4
Grain	Płatki owsiane	0.5 kg (7.7%)	60 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Herkules	15 g	60 min	17 %
Aroma (end of boil)	Tradition	40 g	10 min	5.5 %
Dry Hop	Tradition	100 g	7 day(s)	5.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Slant	162 ml	Fermentis

### Extras

Type	Name	Amount	Use for	Time
Flavor	Trawa cytrynowa	30 g	Primary	14 day(s)