

## Rice IPA III

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- Gravity **15 BLG**
- ABV ---
- IBU **44**
- SRM **4.4**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **40 %/h**
- Boil size **16.8 liter(s)**

### Mash information

- Mash efficiency **74 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.2 liter(s)**
- Total mash volume **14.4 liter(s)**

### Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

### Mash step by step

- Heat up **11.2 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **0 min** at **78C**
- Sparge using **8.8 liter(s)** of **76C** water or to achieve **16.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale	1.9 kg (59.4%)	80 %	6
Grain	Platki ryżowe błyskawiczne	1 kg (31.3%)	80 %	1
Grain	Weyermann - Carapils	0.3 kg (9.4%)	75 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	USA Tomahawk	10 g	60 min	15.8 %
Boil	USA Amarillo	20 g	15 min	7.4 %
Boil	USA Amarillo	30 g	0 min	7.4 %
Dry Hop	USA Citra	10 g	3 day(s)	14.2 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05 IV	Ale	Slant	50 ml	---