

## NZ RYE IPA

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- Gravity **15.4 BLG**
- ABV ---
- IBU **80**
- SRM **6**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **2 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.9 liter(s)**

### Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.5 kg (74.5%)	80 %	5
Grain	Žytni	1 kg (21.3%)	85 %	8
Grain	Caramel/Crystal Malt - 40L	0.2 kg (4.3%)	74 %	79

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Pacific Gem	30 g	60 min	15.3 %
Boil	Pacifica (NZ)	15 g	30 min	4.8 %
Boil	Rakau (NZ)	15 g	30 min	9.5 %
Boil	Pacifica (NZ)	20 g	10 min	4.8 %
First Wort	Rakau (NZ)	10 g	10 min	9.5 %
Dry Hop	Pacific Gem	20 g	---	15.3 %
Dry Hop	Pacifica (NZ)	65 g	---	4.8 %
Dry Hop	Rakau (NZ)	25 g	---	9.5 %

### Yeasts

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