

## Źródlak NEIPA V4 owies

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **32**
- SRM **4.6**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **2.6 liter(s) / kg**
- Mash size **8.8 liter(s)**
- Total mash volume **12.2 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	1.7 kg (50%)	81 %	6
Grain	Oats, Malted	1.7 kg (50%)	77 %	2

### Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Simcoe	8 g	60 min	13.2 %
Aroma (end of boil)	Citra	7 g	10 min	12 %
Aroma (end of boil)	Nelson Sauvín	7 g	10 min	11 %
Whirlpool	Citra	10 g	1 min	12 %
Whirlpool	Nelson Sauvín	10 g	1 min	11 %
Dry Hop	Citra	7 g	8 day(s)	12 %
Dry Hop	Nelson Sauvín	7 g	8 day(s)	11 %
Dry Hop	Galaxy	7 g	8 day(s)	15 %
Dry Hop	Citra	33 g	2 day(s)	12 %
Dry Hop	Nelson Sauvín	33 g	2 day(s)	11 %
Dry Hop	Galaxy	33 g	2 day(s)	15 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM55	Ale	Liquid	700 ml	---

### Extras

Type	Name	Amount	Use for	Time
Water Agent	siarczanu magnezu	6 g	Mash	1 min
Water Agent	chlerek wapnia	4 g	Mash	1 min