

## DDH NEIPA kuźnia 2.0

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- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **5**
- SRM **4.5**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **10 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.7 liter(s) / kg**
- Mash size **15.2 liter(s)**
- Total mash volume **19.3 liter(s)**

### Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

### Mash step by step

- Heat up **15.2 liter(s)** of strike water to **74.5C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **1 min** at **78C**
- Sparge using **4.7 liter(s)** of **76C** water or to achieve **15.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzniejszy	2.5 kg (61%)	80 %	4
Grain	Pszeniczny	0.8 kg (19.5%)	85 %	4
Grain	Oats, Flaked	0.5 kg (12.2%)	80 %	2
Grain	Rye Malt	0.3 kg (7.3%)	63 %	10

### Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Simcoe	100 g	1 min	15 %
Dry Hop	Vic Secret	50 g	4 day(s)	16.3 %
Dry Hop	Galaxy	50 g	4 day(s)	15 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Hazy daze	Ale	Slant	100 ml	Fermentis

### Notes

- Woda - oaza zmodyfikowana  
Calcium (ppm)Magnesium (ppm)Sodium (ppm)Sulfate (ppm)Chloride (ppm)Bicarbonate (ppm)  
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Wyszło 17 brix  
20.01 100g vic secret na cicha  
*Jan 7, 2019, 9:29 PM*