

3w1

- Gravity **7.1 BLG**
- ABV ---
- IBU **33**
- SRM **3.8**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.5 liter(s)**
- Total mash volume **10 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	0.5 kg (20%)	81 %	4
Grain	Żytni	1 kg (40%)	50 %	8
Grain	Pszeniczny	1 kg (40%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	20 g	30 min	11 %
Boil	Mosaic	10 g	5 min	11 %
Boil	Mosaic	20 g	0 min	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
Gozdawa Pure Ale Yeast 7	Ale	Dry	10 g	---