

## 161 American Barleywine

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- Gravity **21.6 BLG**
- ABV **9.7 %**
- IBU **28**
- SRM **6.2**
- Style **American Barleywine**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **120 min**
- Evaporation rate **5 %/h**
- Boil size **25.3 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.25 liter(s) / kg**
- Mash size **27 liter(s)**
- Total mash volume **35.3 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	7 kg (84.3%)	80 %	5
Grain	Strzegom Wiedeński	1 kg (12%)	79 %	10
Grain	Pszeniczny	0.3 kg (3.6%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	60 min	12.7 %
Boil	Amarillo	30 g	30 min	9.4 %
Boil	Citra	30 g	1 min	11.1 %

### Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Slant	300 ml	---