

# American Barleywine

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- Gravity **24 BLG**
- ABV **11 %**
- IBU **109**
- SRM **10.8**
- Style **American Barleywine**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **100 min**
- Evaporation rate **10 %/h**
- Boil size **35 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.4 liter(s) / kg**
- Mash size **31.3 liter(s)**
- Total mash volume **44.4 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **31.3 liter(s)** of strike water to **75.6C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **5 min** at **78C**
- Sparge using **16.8 liter(s)** of **76C** water or to achieve **35 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	12.5 kg (95.8%)	80 %	5
Grain	Strzegom Karmel 300	0.3 kg (2.3%)	70 %	299
Grain	Weyermann - Carapils	0.25 kg (1.9%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	130 g	60 min	15.7 %
Aroma (end of boil)	Amarillo	50 g	0 min	9.5 %
Aroma (end of boil)	Chinook	50 g	0 min	11.2 %
Dry Hop	Cascade	50 g	3 day(s)	5.3 %
Dry Hop	Simcoe	85 g	3 day(s)	13.1 %
Dry Hop	Chinook	50 g	3 day(s)	11.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	150 ml	Fermentis

## Notes

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

- Chmiel na aromat dodany po schłodzeniu brzeczki do 75 stopni i przetrzymany przez 20 minut (sekcja "Aromat (koniec gotowania)").  
*Oct 18, 2018, 11:04 AM*