

American Barleywine

- Gravity **28.9 BLG**
- ABV **14.1 %**
- IBU **106**
- SRM **11**
- Style **American Barleywine**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.7 liter(s)**
- Boil time **120 min**
- Evaporation rate **20 %/h**
- Boil size **19.3 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **32 liter(s)**
- Total mash volume **40 liter(s)**

Steps

- Temp **66 C**, Time **80 min**
- Temp **66 C**, Time **80 min**
- Temp **75 C**, Time **5 min**
- Temp **75 C**, Time **5 min**

Mash step by step

- Heat up **32 liter(s)** of strike water to **71.8C**
- Add grains
- Keep mash **80 min** at **66C**
- Keep mash **80 min** at **66C**
- Keep mash **5 min** at **75C**
- Keep mash **5 min** at **75C**
- Sparge using **-4.7 liter(s)** of **76C** water or to achieve **19.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------|-----------------|-------|-----|
| Grain | Płatki owsiane | 0.8 kg (10%) | 60 % | 3 |
| Grain | Abbey Castle | 0.72 kg (9%) | 80 % | 45 |
| Grain | Strzegom Wiedeński | 1.48 kg (18.5%) | 79 % | 10 |
| Grain | Pilzneński | 5 kg (62.5%) | 81 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|-------------|--------|--------|------------|
| Boil | lunga | 23 g | 60 min | 12.2 % |
| Boil | Magnum | 80 g | 55 min | 10.5 % |
| Whirlpool | Motueka | 60 g | 1 min | 5.6 % |
| Whirlpool | Vermelho 21 | 50 g | 1 min | 9.1 % |

Yeasts

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

Extras

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

| Type | Name | Amount | Use for | Time |
|------------------------|----------------|--------|---------|--------|
| Water Agent | Kwas fosforowy | 2 g | Mash | 15 min |
| Do wody do wyśładzania | | | | |