

## Wild Ale

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **4**
- SRM **3.7**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **11 %**
- Size with trub loss **27.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **32 liter(s)**

### Mash information

- Mash efficiency **82 %**
- Liquor-to-grist ratio **2.8 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **22.8 liter(s)**

### Steps

- Temp **70 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **16.8 liter(s)** of strike water to **78.9C**
- Add grains
- Keep mash **60 min** at **70C**
- Keep mash **5 min** at **78C**
- Sparge using **21.2 liter(s)** of **76C** water or to achieve **32 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	6 kg (100%)	81 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	10 min	12 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast 4347	Ale	Liquid	1600 ml	Wyeast