

## amerikan weed

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **75**
- SRM **3.3**
- Style **American Wheat or Rye Beer**

### Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.5 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **9.8 liter(s)**
- Total mash volume **12.6 liter(s)**

### Steps

- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **9.8 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **5 min** at **76C**
- Sparge using **9.5 liter(s)** of **76C** water or to achieve **16.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Pilsen	1.5 kg (53.6%)	80.5 %	4
Grain	Pszeniczny	1.3 kg (46.4%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	12 g	60 min	13.5 %
Whirlpool	Galaxy	50 g	20 min	17.4 %
Dry Hop	Galaxy	50 g	5 day(s)	17.4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Slant	200 ml	---