

## BW

- Gravity **28.1 BLG**
- ABV **13.6 %**
- IBU **58**
- SRM **8.9**
- Style **American Barleywine**

### Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

### Steps

- Temp **62 C**, Time **30 min**
- Temp **68 C**, Time **40 min**
- Temp **72 C**, Time **10 min**

### Mash step by step

- Heat up **21 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **30 min** at **62C**
- Keep mash **40 min** at **68C**
- Keep mash **10 min** at **72C**
- Sparge using **5 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

### Fermentables

| Type  | Name                | Amount       | Yield | EBC |
|-------|---------------------|--------------|-------|-----|
| Grain | Strzegom Pale Ale   | 5 kg (62.5%) | 79 %  | 6   |
| Grain | Viking Pilsner malt | 1 kg (12.5%) | 82 %  | 4   |
| Grain | Bestmalz Red X      | 1 kg (12.5%) | 79 %  | 30  |
| Sugar | cukier              | 1 kg (12.5%) | 100 % | --- |

### Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Chinook | 50 g   | 60 min | 13 %       |
| Boil    | Citra   | 30 g   | 30 min | 1 %        |
| Boil    | Cascade | 66 g   | 30 min | 1 %        |
| Boil    | Marynka | 15 g   | 30 min | 1 %        |

### Yeasts

| Name                                     | Type | Form | Amount | Laboratory      |
|------------------------------------------|------|------|--------|-----------------|
| Mangrove Jack's M42 New World Strong Ale | Ale  | Dry  | 10 g   | Mangrove Jack's |

### 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      |
|--------|----------------------|--------|-----------|-----------|
| Flavor | płatki dębowe sherry | 20 g   | Boil      | 25 min    |
| Flavor | płatki dębowe sherry | 30 g   | Secondary | 14 day(s) |