

Amerykańska pszenica 12 blg TB

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **37**
- SRM **3.7**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **18 %/h**
- Boil size **32.5 liter(s)**

Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.2 liter(s)**
- Total mash volume **21.6 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **16.2 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **10 min** at **78C**
- Sparge using **21.7 liter(s)** of **76C** water or to achieve **32.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|-----------------|-------|-----|
| Grain | Viking Wheat Malt | 2.85 kg (52.8%) | 83 % | 5 |
| Grain | Viking Pilsner malt | 2.15 kg (39.8%) | 82 % | 4 |
| Grain | Fawcett Prażona pszenica | 0.4 kg (7.4%) | 70 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | Chinook | 10 g | 60 min | 13 % |
| Boil | Centennial | 25 g | 10 min | 10.5 % |
| Boil | Centennial | 25 g | 5 min | 10.5 % |
| Boil | Citra | 30 g | 5 min | 12 % |
| Boil | Citra | 100 g | 1 min | 12 % |