

# Lager Wiedeński 25l

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **23**
- SRM **13.6**
- Style **Dark American Lager**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **29.3 liter(s)**

## Steps

- Temp **62 C**, Time **15 min**
- Temp **72 C**, Time **45 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **22.8 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **15 min** at **62C**
- Keep mash **45 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **30.3 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount        | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Strzegom Wiedeński  | 5 kg (76.9%)  | 79 %  | 9   |
| Grain | Monachijski         | 1 kg (15.4%)  | 80 %  | 16  |
| Grain | Strzegom Karmel 300 | 0.5 kg (7.7%) | 70 %  | 300 |

## Hops

| Use for | Name                  | Amount | Time   | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil    | Brewers Gold          | 25 g   | 60 min | 7.6 %      |
| Boil    | Saaz (Czech Republic) | 25 g   | 20 min | 4.5 %      |

## Yeasts

| Name                               | Type  | Form | Amount | Laboratory      |
|------------------------------------|-------|------|--------|-----------------|
| Mangrove Jack's M84 Bohemian Lager | Lager | Dry  | 15 g   | Mangrove Jack's |