

LAGER WIEDEŃSKI

- Gravity **12.6 BLG**
- ABV ---
- IBU **26**
- SRM **10.6**
- Style **Vienna Lager**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.2 liter(s)**
- Total mash volume **22.2 liter(s)**

Steps

- Temp **40 C**, Time **15 min**
- Temp **54 C**, Time **10 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **17.2 liter(s)** of strike water to **42.9C**
- Add grains
- Keep mash **15 min** at **40C**
- Keep mash **10 min** at **54C**
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **26.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|-----------------|--------|-----|
| Grain | Strzegom Wiedeński | 3 kg (60.9%) | 79 % | 10 |
| Grain | Strzegom Monachijski typ I | 1.5 kg (30.5%) | 79 % | 16 |
| Grain | Carahell | 0.15 kg (3%) | 77 % | 26 |
| Grain | Caramunich I | 0.2 kg (4.1%) | 73 % | 90 |
| Grain | Acid Malt | 0.075 kg (1.5%) | 58.7 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil | Tradition | 35 g | 60 min | 5.4 % |
| Boil | Saaz (Czech Republic) | 20 g | 20 min | 3.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|---------------------------------------|-------|-----|------|-----------------|
| Mangrove Jack's M76 Bavarian Lager | Lager | Dry | 11 g | Mangrove Jack's |
|---------------------------------------|-------|-----|------|-----------------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------|--------|---------|--------|
| Fining | mech irl. | 5 g | Boil | 15 min |