

3A. Czech Pale Lager Desitka

- Gravity **10.2 BLG**
- ABV **4.1 %**
- IBU **28**
- SRM **3.9**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **3 %**
- Size with trub loss **15.4 liter(s)**
- Boil time **90 min**
- Evaporation rate **7 %/h**
- Boil size **17.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **5.24 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **17.8 liter(s)**

Steps

- Temp **55 C**, Time **10 min**
- Temp **63 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **58.3C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **30 min** at **63C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **5.8 liter(s)** of **76C** water or to achieve **17.9 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 2.66 kg (93%) | 80 % | 4 |
| Grain | Karmelowy Jasny 30EBC | 0.2 kg (7%) | 75 % | 30 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------------------|--------|----------|------------|
| Boil | Premiant | 15 g | 60 min | 8 % |
| Aroma (end of boil) | Saaz (Czech Republic) | 20 g | 15 min | 4.5 % |
| Dry Hop | Saaz (Czech Republic) | 20 g | 5 day(s) | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------|-------|------|--------|------------|
| Saflager W 34/70 | Lager | Dry | 10 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|-------------|-------|-----|------|--------|
| Water Agent | CaCl2 | 2 g | Mash | 60 min |
| Water Agent | CaSo4 | 2 g | Mash | 60 min |

Notes

- 14 dni 10-12C
14 dni 2C
7 dni refermentacja 20C
leżak 2C
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