

Krwawy Szlachcic

- Gravity **10 BLG**
- ABV **4 %**
- IBU **20**
- SRM **8.6**
- Style **German Pilsner (Pils)**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **29.5 liter(s)**

Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **35 min**
- Temp **72 C**, Time **35 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **35 min** at **62C**
- Keep mash **35 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **20.5 liter(s)** of **76C** water or to achieve **29.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 3 kg (66.7%) | 80 % | 4 |
| Grain | Karmelowy Czerwony | 1.5 kg (33.3%) | 75 % | 60 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------------|--------|--------|------------|
| Boil | Hallertau Spalt Select | 20 g | 60 min | 2.8 % |
| Boil | Tradition | 20 g | 30 min | 5.5 % |
| Aroma (end of boil) | Hallertau Spalt Select | 30 g | 5 min | 2.8 % |
| Aroma (end of boil) | Tradition | 30 g | 5 min | 5.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------|-------|------|--------|------------|
| Mauribrew Lager | Lager | Dry | 22 g | Mauribrew |

Notes

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

- Manfred Albrecht Freiherr von Richthofen (ur. 2 maja 1892 w Borku, obecnie części Wrocławia) – niemiecki lotnik, największy as myśliwski okresu I wojny światowej, nazywany „Czerwonym Baronem”. Odnosił 80 oficjalnie uznanych zwycięstw powietrznych. Zestrzelony 21 kwietnia 1918, nad przełęczą Morlancourt, ostrzałem australijskich karabinów maszynowych z 53 baterii artylerii polowej.
Nov 2, 2019, 4:14 PM