

Nocny skrót pszespola

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **13**
- SRM **18.5**
- Style **Dunkelweizen**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.7 liter(s)**
- Total mash volume **19.6 liter(s)**

Steps

- Temp **43 C**, Time **30 min**
- Temp **64 C**, Time **35 min**
- Temp **72 C**, Time **35 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **14.7 liter(s)** of strike water to **46.8C**
- Add grains
- Keep mash **30 min** at **43C**
- Keep mash **35 min** at **64C**
- Keep mash **35 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.5 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------|----------------|-------|-----|
| Grain | Carahell | 0.5 kg (10.2%) | 77 % | 26 |
| Grain | Monachijski | 1.3 kg (26.5%) | 80 % | 16 |
| Grain | Pszeniczny | 2 kg (40.8%) | 85 % | 4 |
| Grain | Oak Smoked Wheat Malt | 0.3 kg (6.1%) | 74 % | 6 |
| Grain | Pilsner Malt | 0.5 kg (10.2%) | 80 % | 4 |
| Grain | Chocolate Wheat Malt | 0.3 kg (6.1%) | 74 % | 788 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------------|--------|--------|------------|
| Boil | Northern Brewer | 10 g | 60 min | 9 % |
| Aroma (end of boil) | Chinook | 5 g | 10 min | 13 % |

Yeasts

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

| | | | | |
|---------------------------------------|-------|-----|------|-----------------|
| Mangrove Jack's M20 Bavarian Wheat | Wheat | Dry | 10 g | Mangrove Jack's |
|---------------------------------------|-------|-----|------|-----------------|

Notes

- przerwa ferulikowa tylko dla pszenicy
Nov 10, 2017, 1:53 PM