

RIS IV Beka

- Gravity **22 BLG**
- ABV **9.9 %**
- IBU **45**
- SRM **48.3**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2.4 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **34 liter(s)**

Steps

- Temp **55 C**, Time **5 min**
- Temp **63 C**, Time **60 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **24 liter(s)** of strike water to **62.3C**
- Add grains
- Keep mash **5 min** at **55C**
- Keep mash **60 min** at **63C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **16.4 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|-------------|-------|------|
| Grain | Pale Ale Best | 6 kg (60%) | 80 % | 6 |
| Grain | Pilsner Malz Best | 2 kg (20%) | 81 % | 3 |
| Grain | Carafa II Best | 0.5 kg (5%) | 65 % | 1100 |
| Grain | Chocolate | 0.5 kg (5%) | 55 % | 1000 |
| Grain | Special X | 0.5 kg (5%) | 78 % | 350 |
| Grain | Caramunich 2 Best | 0.5 kg (5%) | 73 % | 120 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------|--------|--------|------------|
| Boil | Admiral | 43 g | 30 min | 11.7 % |
| Boil | East Kent Goldings | 23 g | 60 min | 5.7 % |
| Boil | East Kent Goldings | 40 g | 15 min | 5.7 % |
| Aroma (end of boil) | East Kent Goldings | 40 g | 5 min | 5.7 % |

Yeasts

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

| | | | | |
|-------------------------------|-----|-------|--------|-------------|
| Wyeast - 1728 Scottish Ale | Ale | Slant | 300 ml | Wyeast Labs |
|-------------------------------|-----|-------|--------|-------------|

Notes

- do polowy beczka czysta
24.10.24 następna goryczka na max 45
inne słody karmelowe
Mar 20, 2022, 10:54 PM