

SESSION IPA

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **48**
- SRM **8.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.3 liter(s)**
- Total mash volume **23 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

Mash step by step

- Heat up **17.3 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **0 min** at **76C**
- Sparge using **20.2 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 4 kg (69.6%) | 80 % | 4 |
| Grain | Strzegom Karmel 300 | 0.25 kg (4.3%) | 70 % | 299 |
| Grain | Strzegom Monachijski typ I | 0.5 kg (8.7%) | 79 % | 16 |
| Grain | Strzegom Wiedeński | 0.5 kg (8.7%) | 79 % | 10 |
| Grain | Viking Pale Ale malt | 0.5 kg (8.7%) | 80 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil | Magnum | 25 g | 60 min | 13.5 % |
| Boil | Cascade | 20 g | 20 min | 7.6 % |
| Boil | Cascade | 20 g | 10 min | 7.6 % |
| Boil | Citra | 20 g | 10 min | 12 % |
| Dry Hop | Citra | 30 g | 4 day(s) | 12 % |
| Dry Hop | Cascade | 30 g | 4 day(s) | 4.5 % |

Yeasts

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

| | | | | |
|--------------|-----|-----|--------|-----------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |
|--------------|-----|-----|--------|-----------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|---------|--------|
| Fining | Mech irlandzki | 3 g | Boil | 15 min |