

Herbaciana IPA

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **41**
- SRM **4.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.5 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **12.3 liter(s)**
- Total mash volume **15.8 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **12.3 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **1 min** at **76C**
- Sparge using **7.7 liter(s)** of **76C** water or to achieve **16.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2 kg (57.1%) | 80 % | 5 |
| Grain | Płatki owsiane | 0.5 kg (14.3%) | 85 % | 3 |
| Grain | Monachijski | 0.5 kg (14.3%) | 80 % | 16 |
| Grain | Pszeniczny | 0.5 kg (14.3%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|-----------|--------|----------|------------|
| Boil | Chinook | 40 g | 15 min | 11.8 % |
| Boil | Chinook | 15 g | 5 min | 11.8 % |
| Whirlpool | El Dorado | 20 g | 0 min | 11 % |
| Whirlpool | Mosaic | 25 g | 0 min | 10.4 % |
| Whirlpool | Simcoe | 25 g | 0 min | 11.5 % |
| Dry Hop | El Dorado | 20 g | 3 day(s) | 11 % |
| Dry Hop | Mosaic | 25 g | 3 day(s) | 10.4 % |
| Dry Hop | Simcoe | 25 g | 3 day(s) | 11.5 % |

Yeasts

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

| | | | | |
|-------|-----|-------|--------|-----------|
| Us-05 | Ale | Slant | 150 ml | fermentis |
|-------|-----|-------|--------|-----------|

Extras

| Type | Name | Amount | Use for | Time |
|------|---------------------------|--------|-----------|----------|
| Herb | Herbata (wybór w trakcie) | 100 g | Secondary | 3 day(s) |