

## DIPA #2 semestr

- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **47**
- SRM **4.9**
- Style **Imperial IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2.57 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **25 liter(s)**

### Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 5 kg (71.4%)  | 80 %  | 5   |
| Grain | Pszeniczny           | 1 kg (14.3%)  | 85 %  | 4   |
| Grain | Płatki owsiane       | 0.5 kg (7.1%) | 85 %  | 3   |
| Grain | Płatki pszeniczne    | 0.5 kg (7.1%) | 85 %  | 3   |

### Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| First Wort          | Chinook  | 5 g    | 60 min   | 12 %       |
| Boil                | Chinook  | 25 g   | 60 min   | 12 %       |
| Boil                | Cascade  | 20 g   | 15 min   | 6.6 %      |
| Boil                | Cascade  | 10 g   | 10 min   | 6.6 %      |
| Boil                | Amarillo | 20 g   | 10 min   | 10 %       |
| Aroma (end of boil) | Cascade  | 20 g   | 0 min    | 6.6 %      |
| Aroma (end of boil) | Amarillo | 5 g    | 0 min    | 10 %       |
| Whirlpool           | Cascade  | 10 g   | 8 min    | 6.6 %      |
| Whirlpool           | Amarillo | 5 g    | 8 min    | 10 %       |
| Dry Hop             | Cascade  | 30 g   | 5 day(s) | 6.6 %      |
| Dry Hop             | Amarillo | 60 g   | 5 day(s) | 10 %       |
| Dry Hop             | Galaxy   | 60 g   | 3 day(s) | 16.2 %     |
| Dry Hop             | Mosaic   | 30 g   | 2 day(s) | 9.7 %      |

### Yeasts

| Name  | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| us-05 | Ale  | Dry  | 11.5 g | ---        |