

## Double IPA

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- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **103**
- SRM **14.1**
- Style **Imperial IPA**

### Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

### Mash information

- Mash efficiency **67 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18.6 liter(s)**

### Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale   | 3.9 kg (83.9%) | 79 %  | 6   |
| Grain | Strzegom Karmel 150 | 0.5 kg (10.8%) | 75 %  | 150 |
| Grain | Żytni               | 0.25 kg (5.4%) | 85 %  | 8   |

### Hops

| Use for             | Name          | Amount | Time     | Alpha acid |
|---------------------|---------------|--------|----------|------------|
| Boil                | Pacific Gem   | 25 g   | 50 min   | 15.3 %     |
| Boil                | Equinox       | 35 g   | 12 min   | 13.1 %     |
| Aroma (end of boil) | Nelson Sauvin | 25 g   | 5 min    | 11 %       |
| Aroma (end of boil) | Kohatu        | 20 g   | 5 min    | 7.8 %      |
| Dry Hop             | Equinox       | 35 g   | 5 day(s) | 13.1 %     |
| Dry Hop             | Nelson Sauvin | 25 g   | 5 day(s) | 11 %       |

### Yeasts

| Name          | Type | Form | Amount | Laboratory |
|---------------|------|------|--------|------------|
| US West Coast | Ale  | Dry  | 10 g   | Gozdawa    |

### Extras

| Type  | Name    | Amount | Use for   | Time     |
|-------|---------|--------|-----------|----------|
| Other | Limonka | 10 g   | Secondary | 5 day(s) |