

## Sosenka (AIPA)

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **62**
- SRM **7.8**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **13.2 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.5 liter(s)**
- Total mash volume **14.8 liter(s)**

### Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **11.5 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **78C**
- Sparge using **5 liter(s)** of **76C** water or to achieve **13.2 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount        | Yield | EBC |
|-------|-----------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt        | 2 kg (60.6%)  | 80 %  | 6   |
| Grain | Strzegom Monachijski typ II | 1 kg (30.3%)  | 79 %  | 23  |
| Grain | Weyermann - Carapils        | 0.3 kg (9.1%) | 78 %  | 4   |

### Hops

| Use for             | Name    | Amount | Time     | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil                | Warrior | 10 g   | 55 min   | 15.5 %     |
| Boil                | Warrior | 10 g   | 25 min   | 15.5 %     |
| Aroma (end of boil) | Warrior | 10 g   | 5 min    | 15.5 %     |
| Aroma (end of boil) | Chinook | 15 g   | 5 min    | 13 %       |
| Dry Hop             | Chinook | 15 g   | 3 day(s) | 13 %       |
| Dry Hop             | Citra   | 15 g   | 3 day(s) | 12 %       |

### Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |

### Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Type  | Name            | Amount | Use for | Time   |
|-------|-----------------|--------|---------|--------|
| Spice | szczyty sosnowe | 80 g   | Boil    | 10 min |