

## Złota Polska Jesień - Session NEIPA

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **16**
- SRM **3.1**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

### Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

### Mash step by step

- Heat up **14.4 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **17.9 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

### Fermentables

| Type  | Name           | Amount         | Yield | EBC |
|-------|----------------|----------------|-------|-----|
| Grain | Pilzneński     | 3.2 kg (66.7%) | 81 %  | 4   |
| Grain | Płatki owsiane | 0.8 kg (16.7%) | 60 %  | 3   |
| Grain | Płatki ryżowe  | 0.8 kg (16.7%) | 79 %  | 1   |

### Hops

| Use for   | Name       | Amount | Time     | Alpha acid |
|-----------|------------|--------|----------|------------|
| Boil      | Chinook    | 30 g   | 6 min    | 12.7 %     |
| Boil      | Simcoe     | 15 g   | 5 min    | 12.1 %     |
| Boil      | Centennial | 15 g   | 5 min    | 8.9 %      |
| Whirlpool | Simcoe     | 15 g   | 0 min    | 12.1 %     |
| Whirlpool | Centennial | 15 g   | 0 min    | 8.9 %      |
| Dry Hop   | Chinook    | 70 g   | 2 day(s) | 12.7 %     |
| Dry Hop   | Centennial | 70 g   | 2 day(s) | 8.9 %      |
| Dry Hop   | Simcoe     | 70 g   | 2 day(s) | 12.1 %     |

### Yeasts

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

|                             |     |        |         |     |
|-----------------------------|-----|--------|---------|-----|
| Wyeast - American<br>Ale II | Ale | Liquid | 1000 ml | --- |
|-----------------------------|-----|--------|---------|-----|