

## #7 Pszeniczne cytry-Nowe

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **14**
- SRM **6.8**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **4 %**
- Size with trub loss **20.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.1 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **14.2 liter(s)**
- Total mash volume **18.5 liter(s)**

### Steps

- Temp **44 C**, Time **15 min**
- Temp **53 C**, Time **15 min**
- Temp **65 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **14.2 liter(s)** of strike water to **47.6C**
- Add grains
- Keep mash **15 min** at **44C**
- Keep mash **15 min** at **53C**
- Keep mash **40 min** at **65C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **15.2 liter(s)** of **76C** water or to achieve **25.1 liter(s)** of wort

### Fermentables

| Type  | Name                          | Amount         | Yield | EBC |
|-------|-------------------------------|----------------|-------|-----|
| Grain | Strzegom Pszeniczny           | 2.5 kg (58.1%) | 81 %  | 6   |
| Grain | Strzegom Pilzneński           | 1.5 kg (34.9%) | 80 %  | 4   |
| Grain | Karmelowy Pszeniczny Strzegom | 0.3 kg (7%)    | 79 %  | 130 |

### Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Citra   | 5 g    | 55 min | 12 %       |
| Boil                | Chinook | 5 g    | 20 min | 13 %       |
| Aroma (end of boil) | Citra   | 10 g   | 5 min  | 12 %       |

### Yeasts

| Name          | Type  | Form | Amount | Laboratory |
|---------------|-------|------|--------|------------|
| Safbrew US-05 | Wheat | Dry  | 11.5 g | Safbrew    |

### Extras

| Type  | Name           | Amount | Use for | Time  |
|-------|----------------|--------|---------|-------|
| Spice | skórka cytryny | 10 g   | Boil    | 5 min |