

## #5 - Pszeniczne Citra

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **30**
- SRM **3.9**
- Style **American Wheat or Rye Beer**

### Batch size

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

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.6 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **23 liter(s)**

### Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **45 min**
- Temp **72 C**, Time **20 min**

### Mash step by step

- Heat up **18 liter(s)** of strike water to **47.3C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **45 min** at **63C**
- Keep mash **20 min** at **72C**
- Sparge using **-13 liter(s)** of **76C** water

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2.5 kg (50%)	80 %	4
Grain	Strzegom Pszeniczny	2.5 kg (50%)	81 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	25 g	60 min	12 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew WB-06	Wheat	Dry	11 g	Safbrew

### Notes

- - 20 minut w 44°C - sam słód pszeniczny
  - - 45 minut w 63°C - dodać słód pilzneński
  - - 20 minut w 72°C
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