

PSZE...NIC...AAA#3

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **11**
- SRM **3.6**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **45 C**, Time **40 min**
- Temp **55 C**, Time **5 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **40 min** at **45C**
- Keep mash **5 min** at **55C**
- Keep mash **40 min** at **63C**
- Keep mash **40 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **20.4 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

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

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Huell Melon	30 g	15 min	7.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
grodziskie	Ale	Slant	1.8 ml	---