

Farmers child

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **19**
- SRM **3.5**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

Mash information

- Mash efficiency **82 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **25.2 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

Mash step by step

- Heat up **18.9 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **72C**
- Sparge using **25.4 liter(s)** of **76C** water or to achieve **38 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	3 kg (47.6%)	82 %	4
Grain	Strzegom Pszeniczny	2 kg (31.7%)	81 %	6
Grain	Płatki pszeniczne	1.2 kg (19%)	85 %	3
Grain	Acid Malt	0.1 kg (1.6%)	58.7 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	5 g	60 min	12.5 %
Boil	Citra	15 g	25 min	12.5 %
Boil	Citra	30 g	1 min	12.5 %
Boil	Mosaic	50 g	1 min	11.5 %
Boil	Amarillo	50 g	1 min	7.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM55 Zielone Wzgórze	Ale	Liquid	1000 ml	Fermentum Mobile