

Swienta dfa

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **28**
- SRM **17.7**
- Style **Christmas/Winter Specialty Spiced Beer**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24.8 liter(s)**
- Total mash volume **33 liter(s)**

Steps

- Temp **67 C**, Time **70 min**
- Temp **73 C**, Time **10 min**

Mash step by step

- Heat up **24.8 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **70 min** at **67C**
- Keep mash **10 min** at **73C**
- Sparge using **17.7 liter(s)** of **76C** water or to achieve **34.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (48.5%)	80 %	5
Grain	Strzegom Czekoladowy ciemny	0.25 kg (3%)	68 %	1200
Grain	Strzegom Monachijski typ II	1 kg (12.1%)	79 %	22
Grain	Pilzneński	3 kg (36.4%)	81 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	35 g	60 min	10 %
Boil	Lublin (Lubelski)	30 g	10 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
WLP670 - American Farmhouse Blend	Ale	Liquid	200 ml	---

Notes

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