

BA Prawdziwe Świąteczne

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **57**
- SRM **51.3**
- Style **Christmas/Winter Specialty Spiced Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	1.7 kg (44.7%)	80 %	45
Liquid Extract	WES ekstrakt słodowy ciemny	1.7 kg (44.7%)	80 %	700
Dry Extract	Gozdawa ekstrakt słodowy superjasny suchy	0.4 kg (10.5%)	99 %	9

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Horizon	30 g	60 min	14 %
Boil	Sterling	20 g	10 min	4.5 %
Boil	Saaz (Czech Republic)	30 g	10 min	4.5 %
Boil	Sterling	10 g	5 min	4.5 %
Boil	Styrian Golding	30 g	5 min	3.6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew T-58	Ale	Dry	11.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Spice	Ginger	20 g	Boil	20 min
Spice	Cinnamon	20 g	Boil	20 min