

Biała Dama

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **56**
- SRM **3.3**
- Style **White IPA**

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 **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.2 liter(s)**
- Total mash volume **23.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	3 kg (57.7%)	85 %	4
Grain	Pilzneński	1.8 kg (34.6%)	81 %	4
Grain	Płatki pszeniczne	0.4 kg (7.7%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Ellä (AUS)	30 g	30 min	14.6 %
Whirlpool	Enigma (AUS)	90 g	10 min	17.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	11.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Spice	kolendra	35 g	Boil	15 min