

Matka Boska Chmielowa

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **56**
- SRM **6.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **180 min**
- Evaporation rate **10 %/h**
- Boil size **35.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (83.3%)	80 %	5
Grain	Amber Malt	1 kg (16.7%)	75 %	43

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	20 g	20 min	10 %
Aroma (end of boil)	Mosaic	80 g	20 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - American Ale	Ale	Liquid	30 ml	Wyeast Labs

Extras

Type	Name	Amount	Use for	Time
Flavor	Skórka z cytryny	50 g	Secondary	4 day(s)