#12 Cichy zabójca

- Gravity **21.6 BLG**
- ABV **9.7 %**
- IBU **56**
- SRM **45.2**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **16 liter(s)**

Mash information

- Mash efficiency **60 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **16 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	6 kg *(75%)*	80 %	7
Grain	Strzegom Karmel 600	0.5 kg *(6.3%)*	68 %	601
Grain	Brown Malt (British Chocolate)	0.5 kg *(6.3%)*	70 %	128
Grain	Abbey Castle	0.5 kg *(6.3%)*	80 %	45
Grain	Carafa	0.25 kg *(3.1%)*	70 %	664
Grain	Weyermann - Chocolate Rye	0.25 kg *(3.1%)*	20 %	493

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	50 g	60 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Oyl 057	Ale	Slant	100 ml	---

Extras

Type	Name	Amount	Use for	Time
Flavor	śliwka suszona	250 g	Secondary	14 day(s)
Flavor	płatki dębowe macerowane w cardhu 12yo	10 g	Secondary	14 day(s)
Flavor	laska wanilii	5 g	Secondary	14 day(s)