

Rye IPA

- Gravity **15.7 BLG**
- ABV ---
- IBU **76**
- SRM **9.4**
- Style **Rye IPA**

Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25.6 liter(s)**
- Total mash volume **34.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Żytni	3 kg (35.1%)	85 %	8
Grain	Strzegom Pilzneński	5 kg (58.5%)	80 %	4
Grain	Strzegom Karmel 30	0.5 kg (5.9%)	75 %	30
Grain	Czekoladowy	0.04 kg (0.5%)	60 %	788

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	50 g	60 min	15.5 %
Boil	Citra	10 g	60 min	12 %
Boil	Amarillo	10 g	60 min	9.5 %
Aroma (end of boil)	Citra	10 g	10 min	12 %
Aroma (end of boil)	Amarillo	10 g	10 min	9.5 %
Dry Hop	Citra	30 g	7 day(s)	12 %
Dry Hop	Amarillo	30 g	7 day(s)	9.5 %