

The Fighter

- Gravity **20 BLG**
- ABV **8.8 %**
- IBU **93**
- SRM **7.2**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.7 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25.2 liter(s)**
- Total mash volume **33.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.6 kg (42.9%)	80 %	5
Grain	Viking Pilsner malt	2.6 kg (31%)	82 %	4
Grain	Viking Munich Malt	2.2 kg (26.2%)	78 %	18

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	50 g	60 min	15.5 %
Boil	Equinox	55 g	10 min	13.1 %
Boil	Citra	40 g	10 min	12 %
Boil	Citra	50 g	1 min	12 %