

nigga on a horse

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **57**
- SRM **38.5**
- Style **Black IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **31.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **28 liter(s)**
- Total mash volume **36 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Malt monachijski II	5 kg (62.5%)	75 %	22.5
Grain	Pszeniczny	2 kg (25%)	85 %	4.5
Grain	Caraaroma	0.5 kg (6.3%)	78 %	350
Grain	Carafa III	0.5 kg (6.3%)	70 %	1400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Galena	10 g	60 min	14.2 %
Boil	Ekuanot	10 g	60 min	13.6 %
Boil	Azacca	10 g	40 min	12.7 %
Boil	Zythos	10 g	40 min	9 %
Boil	Galena	10 g	20 min	14.2 %
Boil	Ekuanot	10 g	20 min	13.6 %
Boil	Azacca	10 g	20 min	12.7 %