

BISON GRASS BLACK IPA

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU ---
- SRM **33.3**
- Style **Black IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.1 liter(s)**
- Total mash volume **26.8 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (44.8%)	80 %	5
Grain	Viking Pilsner malt	2 kg (29.9%)	82 %	4
Grain	Viking Munich Malt	1 kg (14.9%)	78 %	18
Grain	Viking Barwiący	0.2 kg (3%)	65 %	1400
Grain	Carafa III	0.3 kg (4.5%)	70 %	1034
Grain	Crystal II 200	0.2 kg (3%)	71 %	200