

## freeski ipa - season opening

---

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **22**
- SRM **3.3**

### Batch size

- Expected quantity of finished beer **14 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **18.5 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **13.5 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (93.8%)	81 %	4
Sugar	maltodekstryna	0.2 kg (6.3%)	90 %	1

### Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Amarillo	25 g	15 min	9.5 %
Whirlpool	Ekuanot	25 g	15 min	14 %
Dry Hop	Amarillo	75 g	3 day(s)	9.5 %
Dry Hop	Ekuanot	75 g	3 day(s)	14 %