

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 % |