

## Falconer's cobra

---

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **29**
- SRM **3.3**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **22.5 liter(s)**

### Steps

- Temp **67 C**, Time **40 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **18 liter(s)** of strike water to **72.9C**
- Add grains
- Keep mash **40 min** at **67C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **12.9 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4.3 kg (95.6%)	81 %	4
Grain	Weyermann - Carapils	0.2 kg (4.4%)	78 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Falconer's Flight	20 g	50 min	10.5 %
Aroma (end of boil)	Falconer's Flight	30 g	5 min	10.5 %
Dry Hop	Falconer's Flight	90 g	3 day(s)	10.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	---