

American ipa xxx

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **22**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **6 %**
- Size with trub loss **27 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **32.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **67 C**, Time **50 min**
- Temp **74 C**, Time **10 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **50 min** at **67C**
- Keep mash **10 min** at **74C**
- Sparge using **20.5 liter(s)** of **76C** water or to achieve **32.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Wiedeński	3 kg (50%)	79 %	10
Grain	Strzegom Pilzneński	2 kg (33.3%)	80 %	4
Grain	Pale Malt (2 Row) US	1 kg (16.7%)	79 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	55 min	10 %
Boil	Citra	20 g	10 min	12 %
Boil	Citra	25 g	5 min	12 %
Dry Hop	Citra	40 g	5 day(s)	12 %

Yeasts

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

Extras

Type	Name	Amount	Use for	Time
Fining	Mech	10 g	Boil	15 min