

# Amora Preta SH IPA & Zibi SH IPA

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- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **33**
- SRM **4.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **29.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

## Steps

- Temp **64 C**, Time **60 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Sparge using **15.5 liter(s)** of **76C** water or to achieve **29.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	7 kg (100%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	amora preta	15 g	60 min	11 %
Whirlpool	amora preta	200 g	5 min	11 %
Dry Hop	amora preta	130 g	3 day(s)	11 %