

# Exterminator AIPA

- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **95**
- SRM **12.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **67 C**, Time **90 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **22.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **90 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5.5 kg (73.3%)	79 %	6
Grain	Strzegom Monachijski typ II	1.5 kg (20%)	79 %	22
Grain	Aromatic Malt	0.2 kg (2.7%)	78 %	51
Grain	Caramel/Crystal Malt - 120L	0.3 kg (4%)	72 %	236

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Summit	32 g	60 min	17 %
Boil	Cascade PL	20 g	40 min	5.2 %
Boil	Cascade PL	10 g	15 min	5.2 %
Boil	Amarillo	20 g	30 min	9.5 %
Boil	Amarillo	10 g	15 min	9.5 %
Aroma (end of boil)	Amarillo	10 g	10 min	9.5 %
Aroma (end of boil)	Amarillo	30 g	5 min	9.5 %
Boil	Citra	10 g	15 min	12 %
Aroma (end of boil)	Citra	10 g	10 min	12 %
Aroma (end of boil)	Citra	10 g	5 min	12 %

Dry Hop	Citra	20 g	7 day(s)	12 %
Dry Hop	Amarillo	20 g	7 day(s)	9.5 %

## Yeasts

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

## Notes

- Zacieranie:  
Do

Fermentacja:

Burzliwa: 18-21°C, 10-14 dni

Cicha: 18-21°C, 7 dni (dodać 20g chmielu Citra i 20g chmielu Amerrillo)

Butelkowanie:

Butelkować z użyciem 6g glukozy na 1l

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