

# White IPA

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- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **52**
- SRM **4.2**
- Style **White IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **0 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **26.5 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

## Steps

- Temp **52 C**, Time **20 min**
- Temp **63 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **14.4 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **20 min** at **52C**
- Keep mash **60 min** at **63C**
- Keep mash **15 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **16.9 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	1.5 kg (28.3%)	80 %	4
Grain	Strzegom Pale Ale	1.2 kg (22.6%)	79 %	6
Grain	Strzegom Pszeniczny	1.1 kg (20.8%)	81 %	6
Grain	Heidelberg	0.5 kg (9.4%)	80.5 %	2
Adjunct	Pszenica niesłodowana	0.5 kg (9.4%)	75 %	3
Grain	Płatki pszeniczne	0.3 kg (5.7%)	85 %	3
Grain	Płatki owsiane	0.2 kg (3.8%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Amarillo	13.6 g	60 min	9.3 %
Boil	Centennial	25 g	15 min	9.5 %
Boil	Amarillo	30 g	15 min	8.7 %
Boil	Galaxy	20 g	15 min	14.5 %
Aroma (end of boil)	Citra	19.5 g	0 min	14.2 %

Dry Hop	Galaxy	30 g	2 day(s)	14.5 %
Dry Hop	Amarillo	50 g	2 day(s)	8.7 %
Dry Hop	Centennial	20 g	2 day(s)	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - Belgian Witbier	Ale	Liquid	200 ml	Wyeast Labs

## Extras

Type	Name	Amount	Use for	Time
Spice	Kolendra	10 g	Boil	5 min
Spice	Suszone skórki cytryny	10 g	Boil	10 min
Spice	Suszone skórki bergamotki	10 g	Boil	15 min
Spice	Curacao	15 g	Boil	15 min

## Notes

- Dodać 200 ml gęstwy  
*May 26, 2018, 2:59 PM*
- Pierwsze próby wskazują że jest to moje najlepsze piwo ever :)  
*Jun 28, 2018, 6:58 PM*