

# Takie Smaczne, Hamerykańskie! - Session American IPA

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **50**
- SRM **4.3**
- Style **White 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 **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **5 min** at **76C**
- Sparge using **16.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Colorado Pale Base Malt	4 kg (80%)	80 %	6
Grain	Weyermann - Pale Wheat Malt	1 kg (20%)	85 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	25 g	60 min	16.8 %
Boil	Columbus/Tomahawk/Zeus	25 g	3 min	15.5 %
Dry Hop	Simcoe	150 g	2 day(s)	13.1 %
Dry Hop	Mosaic	140 g	2 day(s)	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Dry	22 g	Danstar

## Extras

Type	Name	Amount	Use for	Time
Fining	Mech Irlandzki	5 g	Boil	10 min

## Notes

- Fermentacja:  
Burzliwa (7-8 dni w 17-18 st. C)  
Cicha (7-8 dni w 17-18 st. C)

Butelkowanie:  
Syrop cukrowy na refermentacje (110 g cukru w 400 ml wody)

Dojrzewanie piwa:  
3 tygodnie w temperaturze 16-18 st. C.

Na zdrowie!  
*Jun 9, 2017, 7:10 PM*