

# Simcoe Session IPA wesele Janka

- Gravity **9 BLG**
- ABV **3.5 %**
- IBU **44**
- SRM **6.3**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **13.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **22.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale	3.2 kg (71.1%)	--- %	6
Grain	Pilznieński	1 kg (22.2%)	--- %	4
Grain	Karmelowy	0.3 kg (6.7%)	--- %	150

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	12 g	60 min	13.2 %
Boil	Simcoe	12 g	15 min	13.2 %
Boil	Simcoe	25 g	10 min	13.2 %
Aroma (end of boil)	Simcoe	76 g	2 min	13.2 %

## Yeasts

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

## Notes

- zwiększono ilość słoðu karmelowego z 0,25 do 0,3 kg  
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