

# American Session Saison

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **32**
- SRM **4.4**
- Style **Saison**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **10 %**
- Size with trub loss **12 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **14.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **6.3 liter(s)**
- Total mash volume **8.8 liter(s)**

## Steps

- Temp **72 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **6.3 liter(s)** of strike water to **82.3C**
- Add grains
- Keep mash **60 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **11.1 liter(s)** of **76C** water or to achieve **14.9 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	1.9 kg (76%)	80 %	5
Grain	Simpsons - Golden Naked Oats	0.3 kg (12%)	73 %	20
Grain	Weyermann - Carapils	0.2 kg (8%)	78 %	4
Grain	Rye, Flaked	0.1 kg (4%)	78.3 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	20 g	30 min	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM21 Odkrycie sezonu	Ale	Slant	60 ml	Fermentum Mobile