

# Grape Ale

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **20**
- SRM **2.7**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **6 liter(s)**
- Total mash volume **8 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **6 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **11.8 liter(s)** of **76C** water or to achieve **15.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (50%)	81 %	4
Adjunct	Sok z białych winogron	2 kg (50%)	20 %	---

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Nelson Sauvín	10 g	30 min	9.4 %
Whirlpool	Nelson Sauvín	10 g	30 min	9.4 %
Dry Hop	Nelson Sauvín	10 g	3 day(s)	11 %

## Yeasts

Name	Type	Form	Amount	Laboratory
s-05	Ale	Dry	6 g	---

## Notes

- Sok z winogron dodany na koniec gotowania  
*Jan 10, 2021, 12:54 PM*