

## Wiśniowe 12 v2

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **18**
- SRM **3.8**
- Style **Fruit Beer**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **19.3 liter(s)**

### Steps

- Temp **65 C**, Time **45 min**
- Temp **72 C**, Time **25 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **71.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Keep mash **25 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **14.6 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.5 kg (52.1%)	81 %	4
Grain	Pszeniczny	1.5 kg (31.3%)	85 %	4
Grain	Cara Blonde - Castle Malting	0.3 kg (6.3%)	78 %	20
Sugar	sok wiśniowy	0.5 kg (10.4%)	--- %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Blanc	15 g	60 min	7.6 %
Boil	Hallertau Blanc	10 g	15 min	7.6 %
Boil	Oktawia	10 g	5 min	7.8 %

### Yeasts

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

### Extras

Type	Name	Amount	Use for	Time
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Fining	Whirlfloc T	1.25 g	Boil	5 min
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