

# Wiśniowe

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **12**
- SRM **3**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **80 min**
- Evaporation rate **5 %/h**
- Boil size **29.4 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

## Steps

- Temp **67 C**, Time **90 min**

## Mash step by step

- Heat up **13.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **90 min** at **67C**
- Sparge using **20.4 liter(s)** of **76C** water or to achieve **29.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (44.4%)	81 %	4
Grain	Pszeniczny	2 kg (44.4%)	85 %	4
Grain	Weyermann - Carapils	0.5 kg (11.1%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Amarillo	10 g	60 min	9.5 %
Boil	Amarillo	5 g	15 min	9.5 %
Aroma (end of boil)	Amarillo	10 g	0 min	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	10 g	Danstar

## Extras

Type	Name	Amount	Use for	Time
Finning	Mech	10 g	Boil	15 min
Flavor	Wiśnie	3500 g	Primary	7 day(s)