

# Pszeniczne jasne 12 BLG #1

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **6**
- SRM **4.5**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 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 **45 C**, Time **15 min**
- Temp **65 C**, Time **45 min**
- Temp **70 C**, Time **10 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **48.6C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **45 min** at **65C**
- Keep mash **10 min** at **70C**
- Keep mash **1 min** at **76C**
- Sparge using **12.1 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann pszeniczny jasny	2.5 kg (58.1%)	80 %	6
Grain	Pilzneński Weyermann	1.6 kg (37.2%)	81 %	4
Grain	Carahell	0.2 kg (4.7%)	77 %	26

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Spalt Select	20 g	5 min	3.4 %
Boil	Hallertau Spalt Select	10 g	55 min	3.4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew WB-06	Wheat	Dry	11.5 g	Fermentis

## Notes

- zestaw surowców z browamatora  
pszeniczne jasne 13 blg ba hafewaizen  
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