

## owocowe dwa

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- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **24**
- SRM **4.7**
- Style **Fruit Beer**

### Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **10 %**
- Size with trub loss **33 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **41.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **18.8 liter(s)**
- Total mash volume **26.3 liter(s)**

### Steps

- Temp **69 C**, Time **60 min**

### Mash step by step

- Heat up **18.8 liter(s)** of strike water to **78.8C**
- Add grains
- Keep mash **60 min** at **69C**
- Sparge using **30.1 liter(s)** of **76C** water or to achieve **41.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	4 kg (50%)	80 %	7
Grain	Barley, Flaked	2 kg (25%)	70 %	4
Grain	Oats, Flaked	1 kg (12.5%)	80 %	2
Grain	Caramel/Crystal Malt - 10L	0.5 kg (6.3%)	75 %	20
Sugar	Candi Sugar, Clear	0.5 kg (6.3%)	78.3 %	2

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cltra	0 g	15 min	13.7 %
Boil	Galaxy	0 g	15 min	14.5 %
Whirlpool	Cltra	50 g	15 min	13.7 %
Whirlpool	Galaxy	50 g	15 min	14.5 %
Dry Hop	Cltra	50 g	5 day(s)	13.7 %
Dry Hop	Galaxy	50 g	5 day(s)	14.5 %

### Extras

Type	Name	Amount	Use for	Time
Flavor	morela	1000 g	Secondary	5 day(s)

### Notes

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

- do morelowego kwas mlekowy 5-6ml na litr  
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