

# Zwędzone z drzewa

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **27**
- SRM **5.5**
- Style **Other Smoked Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **15 min**

## Mash step by step

- Heat up **17.5 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **15 min** at **78C**
- Sparge using **15 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Wędzony bukiem Viking Malt	4 kg (80%)	82 %	10
Grain	mep@ale	1 kg (20%)	80 %	6.5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	30 min	10 %
Boil	Marynka	20 g	5 min	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M42 New World Strong Ale	Ale	Slant	200 ml	Mangrove Jack's