

# Dziki Zachód Słońca [Brett Ale]

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **21**
- SRM **3.4**
- Style **Specialty 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 liter(s) / kg**
- Mash size **13.8 liter(s)**
- Total mash volume **18.4 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **0 min**

## Mash step by step

- Heat up **13.8 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **16.1 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4 kg (87%)	80 %	4
Grain	Płatki owsiane	0.6 kg (13%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	20 g	60 min	5.2 %
Boil	Cascade PL	30 g	15 min	5.2 %
Boil	Cascade PL	25 g	0 min	5.2 %
Whirlpool	Cascade PL	25 g	0 min	5.2 %