

# B&B Kwas i Kiwi

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **11**
- SRM **4.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **10 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **40 min**
- Evaporation rate **10 %/h**
- Boil size **30.7 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

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

## Mash step by step

- Heat up **19.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Sparge using **17.7 liter(s)** of **76C** water or to achieve **30.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Wiking Pilsner Malt	5 kg (76.9%)	81 %	5
Grain	Weyermann pszeniczny jasny	0.5 kg (7.7%)	80 %	6
Grain	Płatki żytnie	0.5 kg (7.7%)	65 %	3
Grain	Płatki owsiane	0.5 kg (7.7%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lunga	10 g	20 min	8.5 %
Whirlpool	Nelson Sauvín	20 g	10 min	11 %
Whirlpool	Rivaka	20 g	10 min	4.3 %
Whirlpool	Wai-Iti	20 g	10 min	2.7 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis
Probiotyky	Ale	Dry	1 g	---