

# IPA ZIELONA

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **25**
- SRM **3.9**
- Style **American Pale Ale**

## 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 **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.5 kg (74.5%)	80 %	5
Grain	Jęczmień niesłodowany	0.4 kg (8.5%)	75 %	2
Grain	Płatki owsiane	0.25 kg (5.3%)	85 %	3
Grain	Weyermann - Carapils	0.2 kg (4.3%)	78 %	4
Grain	cookie	0.25 kg (5.3%)	--- %	---
Grain	Karmelowy Jasny 30EBC	0.1 kg (2.1%)	75 %	30

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Premiant	15 g	60 min	8 %
Boil	Citra	15 g	5 min	12 %
Boil	Calypso	15 g	5 min	12 %
Boil	Mosaic	15 g	5 min	10 %