

# Tropical APA Warzelnia

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- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU ---
- SRM **4.7**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **300 liter(s)**
- Trub loss **0 %**
- Size with trub loss **300 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **345.1 liter(s)**

## Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **150 liter(s)**
- Total mash volume **200 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	47 kg (94%)	80 %	7
Grain	mahogany	2 kg (4%)	78 %	60
Grain	Wheat, Flaked	1 kg (2%)	77 %	4