

## APA Warzelnia

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU ---
- SRM **5.8**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **246 liter(s)**
- Trub loss **1 %**
- Size with trub loss **250.9 liter(s)**
- Boil time **70 min**
- Evaporation rate **1 %/h**
- Boil size **256.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **165 liter(s)**
- Total mash volume **220 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale	35 kg (63.6%)	80 %	6
Grain	Pilzneński	16 kg (29.1%)	80.5 %	3.5
Grain	Mahogany	4 kg (7.3%)	75 %	60