

# Pumpkin Ale

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- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **22**
- SRM **8.8**
- 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 **15.6 liter(s)**
- Total mash volume **20.8 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **15.6 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **14.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 4 kg (76.9%)  | 80 %  | 5   |
| Grain | Strzegom Karmel 300  | 0.2 kg (3.8%) | 70 %  | 299 |
| Grain | Strzegom Wiedeński   | 1 kg (19.2%)  | 79 %  | 10  |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Lublin (Lubelski) | 50 g   | 60 min | 4 %        |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 10 g   | Fermentis  |

## Notes

- Do zacieru na 60 minut dodać pulę z dyni: 1300 g dyni pokroić w plastry, piec przez 35 min. w piekarniku w 180 stopniach. Przy gotowaniu na ostatnie 10 minut dodać przyprawę pump kin Spice (cynamon, imbir, gałka muszkatołowa).  
*May 16, 2019, 10:13 AM*