

# Ppszenica

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- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **28**
- SRM **4**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **25.2 liter(s)**

## Steps

- Temp **68 C**, Time **70 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **18.9 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **1 min** at **78C**
- Sparge using **17.8 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 3.1 kg (49.2%) | 82 %  | 4   |
| Grain | Viking Wheat Malt   | 3.2 kg (50.8%) | 83 %  | 5   |

## Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Oktawia | 30 g   | 60 min | 8.3 %      |
| Aroma (end of boil) | Oktawia | 20 g   | 10 min | 8.3 %      |
| Aroma (end of boil) | Oktawia | 30 g   | 1 min  | 8.3 %      |

## Yeasts

| Name                           | Type | Form | Amount | Laboratory |
|--------------------------------|------|------|--------|------------|
| Lallemand - LalBrew Voss Kveik | Ale  | Dry  | 11 g   | Lallemand  |