

# American Wheat

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- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **23**
- SRM **3.4**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.5 liter(s)**
- Boil time **70 min**
- Evaporation rate **2 %/h**
- Boil size **29.7 liter(s)**

## Mash information

- Mash efficiency **95 %**
- Liquor-to-grist ratio **4.76 liter(s) / kg**
- Mash size **25 liter(s)**
- Total mash volume **30.2 liter(s)**

## Steps

- Temp **68 C**, Time **50 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **25 liter(s)** of strike water to **73C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **10 liter(s)** of **76C** water or to achieve **29.7 liter(s)** of wort

## Fermentables

| Type  | Name                     | Amount         | Yield | EBC |
|-------|--------------------------|----------------|-------|-----|
| Grain | Viking Malt - Pszeniczny | 2.5 kg (47.6%) | 83 %  | 5   |
| Grain | Pilzniejszy              | 2.5 kg (47.6%) | 81 %  | 4   |
| Grain | Zakwaszający             | 0.1 kg (1.9%)  | 50 %  | 6   |
| Grain | Łuska ryżowa             | 0.15 kg (2.9%) | 1 %   | 1   |

## Hops

| Use for   | Name  | Amount | Time   | Alpha acid |
|-----------|-------|--------|--------|------------|
| Boil      | Citra | 15 g   | 60 min | 12 %       |
| Boil      | Citra | 15 g   | 15 min | 12 %       |
| Whirlpool | Citra | 30 g   | 0 min  | 12 %       |