

American Wheat

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **40**
- SRM **3.6**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **43.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **51.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **30 liter(s)**
- Total mash volume **40 liter(s)**

Steps

- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **30 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **50 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **31.9 liter(s)** of **76C** water or to achieve **51.9 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------|------------|-------|-----|
| Grain | Pilzneński | 5 kg (50%) | 81 % | 4 |
| Grain | Pszeniczny | 5 kg (50%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|----------|--------|----------|------------|
| Boil | Citra | 40 g | 60 min | 12 % |
| Whirlpool | Citra | 60 g | 30 min | 12 % |
| Dry Hop | Amarillo | 50 g | 1 day(s) | 9.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 22 g | Fermentis |