

# American Wheat

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **49**
- SRM **5.2**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**

## Mash step by step

- Heat up **15.9 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Sparge using **15.8 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt  | 2.5 kg (47.2%) | 85 %  | 7   |
| Grain | Weyermann pszeniczny jasny | 2 kg (37.7%)   | 80 %  | 6   |
| Grain | Płatki pszeniczne          | 0.5 kg (9.4%)  | 85 %  | 3   |
| Grain | Carahell                   | 0.3 kg (5.7%)  | 77 %  | 26  |

## Hops

| Use for | Name         | Amount | Time     | Alpha acid |
|---------|--------------|--------|----------|------------|
| Boil    | Enigma (AUS) | 30 g   | 45 min   | 17.2 %     |
| Boil    | Enigma (AUS) | 20 g   | 0 min    | 17.2 %     |
| Boil    | Citra        | 20 g   | 0 min    | 12 %       |
| Dry Hop | Enigma (AUS) | 50 g   | 5 day(s) | 17.2 %     |
| Dry Hop | Citra        | 30 g   | 5 day(s) | 12 %       |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 12.5 g | Fermentis  |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |          |       |           |           |
|--------|----------|-------|-----------|-----------|
| Flavor | Marakuja | 500 g | Secondary | 10 day(s) |
| Flavor | Mango    | 500 g | Secondary | 10 day(s) |