

# American Wheat

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **20**
- SRM **3.4**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Steps

- Temp **44 C**, Time **30 min**
- Temp **62 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **16.5 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **30 min** at **44C**
- Keep mash **45 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **23.2 liter(s)** of **76C** water or to achieve **34.2 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 3 kg (54.5%)   | 80 %  | 5   |
| Grain | Pszeniczny           | 2.5 kg (45.5%) | 85 %  | 4   |

## Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Citra    | 12 g   | 60 min   | 12 %       |
| Boil                | Simcoe   | 13 g   | 10 min   | 13.2 %     |
| Boil                | Mosaic   | 13 g   | 5 min    | 10 %       |
| Aroma (end of boil) | Citra    | 12 g   | 0 min    | 12 %       |
| Aroma (end of boil) | Simcoe   | 12 g   | 0 min    | 13.2 %     |
| Aroma (end of boil) | Mosaic   | 12 g   | 0 min    | 10 %       |
| Dry Hop             | Cascade  | 30 g   | 0 day(s) | 6 %        |
| Dry Hop             | Amarillo | 25 g   | 0 day(s) | 9.5 %      |

## Yeasts

| Name         | Type  | Form | Amount | Laboratory |
|--------------|-------|------|--------|------------|
| Safale US-05 | Wheat | Dry  | 11.5 g | Fermentis  |