

American Wheat - Sunshine Wheat

- Gravity **11 BLG**
- ABV ---
- IBU **56**
- 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 **13.4 liter(s)**
- Total mash volume **17.8 liter(s)**

Steps

- Temp **66 C**, Time **70 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **13.4 liter(s)** of strike water to **73.6C**
- Add grains
- Keep mash **70 min** at **66C**
- Keep mash **10 min** at **78C**
- Sparge using **17.5 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Pale Ale | 2 kg (44.9%) | 80 % | 4 |
| Grain | Weyermann pszeniczny jasny | 2 kg (44.9%) | 80 % | 6 |
| Grain | Zakwaszający | 0.25 kg (5.6%) | 1 % | 3 |
| Grain | Karmelowy jasny | 0.2 kg (4.5%) | --- % | 30 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------|--------|----------|------------|
| Boil | Citra | 15 g | 50 min | 12 % |
| Boil | Amarillo | 20 g | 35 min | 9.5 % |
| Boil | Citra | 30 g | 10 min | 12 % |
| Dry Hop | Citra | 5 g | 4 day(s) | 12 % |
| Dry Hop | Amarillo | 30 g | 4 day(s) | 9.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------------|------|--------|---------|-------------|
| Wyeast - American Ale II | Ale | Liquid | 1000 ml | Wyeast Labs |

Extras

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

| Type | Name | Amount | Use for | Time |
|-------------|------------------------|--------|---------|--------|
| Flavor | Suszone skórki cytryny | 20 g | Boil | 15 min |
| Water Agent | Gips piwowarski | 5 g | Boil | 60 min |