

# Amerykański sen, sen o Ameryce v2

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **25**
- SRM **4.6**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.9 liter(s)**

## Mash information

- Mash efficiency **73 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **17.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **12.4 liter(s)** of **76C** water or to achieve **24.9 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount       | Yield  | EBC |
|-------|----------------------------|--------------|--------|-----|
| Grain | BESTMALZ - Bestt Pale Ale  | 2.5 kg (50%) | 80.5 % | 6   |
| Grain | Weyermann pszeniczny jasny | 2.5 kg (50%) | 80 %   | 6   |

## Hops

| Use for   | Name     | Amount | Time     | Alpha acid |
|-----------|----------|--------|----------|------------|
| Boil      | Citra    | 10 g   | 60 min   | 13.3 %     |
| Boil      | Citra    | 5 g    | 15 min   | 13.3 %     |
| Boil      | Amarillo | 5 g    | 15 min   | 8.2 %      |
| Boil      | Galaxy   | 5 g    | 15 min   | 15.8 %     |
| Whirlpool | Citra    | 10 g   | 0 min    | 13.3 %     |
| Whirlpool | Amarillo | 10 g   | 0 min    | 8.2 %      |
| Whirlpool | Galaxy   | 10 g   | 0 min    | 15.8 %     |
| Dry Hop   | Citra    | 10 g   | 3 day(s) | 13.3 %     |
| Dry Hop   | Galaxy   | 20 g   | 3 day(s) | 15.9 %     |
| Dry Hop   | Amarillo | 20 g   | 3 day(s) | 8.2 %      |

## Yeasts

| <b>Name</b>           | <b>Type</b> | <b>Form</b> | <b>Amount</b> | <b>Laboratory</b> |
|-----------------------|-------------|-------------|---------------|-------------------|
| Wyeast - American Ale | Ale         | Slant       | 90 ml         | Wyeast Labs       |