

# Amerykaniec

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- Gravity **10.7 BLG**
- ABV ---
- IBU **66**
- SRM **7**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **14.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.5 liter(s)**
- Total mash volume **10 liter(s)**

## Steps

- Temp **63 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **77 C**, Time **0 min**

## Mash step by step

- Heat up **7.5 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **60 min** at **63C**
- Keep mash **10 min** at **72C**
- Keep mash **0 min** at **77C**
- Sparge using **9.5 liter(s)** of **76C** water or to achieve **14.5 liter(s)** of wort

## Fermentables

| Type  | Name              | Amount       | Yield | EBC |
|-------|-------------------|--------------|-------|-----|
| Grain | Strzegom Pale Ale | 2 kg (80%)   | 79 %  | 6   |
| Grain | Carahell          | 0.5 kg (20%) | 77 %  | 26  |

## Hops

| Use for | Name    | Amount | Time     | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil    | Equinox | 10 g   | 55 min   | 13.1 %     |
| Boil    | Cascade | 5 g    | 55 min   | 6 %        |
| Boil    | Equinox | 5 g    | 30 min   | 13.1 %     |
| Boil    | Cascade | 10 g   | 30 min   | 6 %        |
| Boil    | Citra   | 10 g   | 5 min    | 12 %       |
| Boil    | Equinox | 15 g   | 5 min    | 13.1 %     |
| Boil    | Cascade | 5 g    | 5 min    | 6 %        |
| Dry Hop | Equinox | 20 g   | 7 day(s) | 13.1 %     |
| Dry Hop | Citra   | 10 g   | 7 day(s) | 12 %       |
| Dry Hop | Cascade | 5 g    | 7 day(s) | 6 %        |
| Dry Hop | Simcoe  | 10 g   | 7 day(s) | 13.2 %     |

## Yeasts

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

| <b>Name</b> | <b>Type</b> | <b>Form</b> | <b>Amount</b> | <b>Laboratory</b> |
|-------------|-------------|-------------|---------------|-------------------|
| us-05       | Ale         | Dry         | 12 g          | ---               |