

# Cocker Spaniel Amerykański

- Gravity **12.4 BLG**
- ABV ---
- IBU **56**
- SRM **5.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **10 %**
- Size with trub loss **29.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **7 %/h**
- Boil size **33.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **22.4 liter(s)**
- Total mash volume **28.8 liter(s)**

## Fermentables

| Type  | Name              | Amount        | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale | 6 kg (93.8%)  | 80 %  | 7   |
| Grain | Pszoniczny        | 0.4 kg (6.3%) | 85 %  | 4   |

## Hops

| Use for | Name          | Amount | Time     | Alpha acid |
|---------|---------------|--------|----------|------------|
| Boil    | Simcoe        | 15 g   | 30 min   | 11.4 %     |
| Boil    | Nelson Sauvin | 15 g   | 30 min   | 11 %       |
| Boil    | Simcoe        | 70 g   | 5 min    | 11.4 %     |
| Boil    | Cascade       | 70 g   | 5 min    | 6 %        |
| Boil    | Nelson Sauvin | 55 g   | 5 min    | 11 %       |
| Boil    | Cascade       | 30 g   | 1 min    | 6 %        |
| Boil    | Centennial    | 50 g   | 1 min    | 10.5 %     |
| Dry Hop | Simcoe        | 65 g   | 7 day(s) | 11.4 %     |
| Dry Hop | Centennial    | 100 g  | 7 day(s) | 8.5 %      |
| Dry Hop | Nelson Sauvin | 30 g   | 7 day(s) | 11 %       |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
| S05  | Ale  | Dry  | 23 g   | ---        |

## Extras

| Type   | Name           | Amount | Use for | Time  |
|--------|----------------|--------|---------|-------|
| Fining | mech irlandzki | 5 g    | Boil    | 5 min |