

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 |