

# 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
Finning	mech irlandzki	5 g	Boil	5 min