

## #55 Piwo na "W"

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **39**
- SRM **10.4**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **21.6 liter(s)**
- Trub loss **7 %**
- Size with trub loss **24.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **24.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Ekstrakt słodowy Pale Ale	4.25 kg (100%)	70.5 %	30

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mandarina Bavaria DE 2018 granulát	10 g	60 min	7.9 %
Boil	Pacifica NZ 2016 granulát	10 g	60 min	5.4 %
Boil	Mandarina Bavaria DE 2018 granulát	9 g	30 min	7.9 %
Boil	Mosaic US 2018 granulát	9 g	30 min	13.2 %
Aroma (end of boil)	Mandarina Bavaria DE 2018 granulát	9 g	10 min	7.9 %
Aroma (end of boil)	Mosaic US 2018 granulát	9 g	10 min	13.2 %
Aroma (end of boil)	Pacifica NZ 2016 granulát	10 g	10 min	5.4 %
Dry Hop	Mosaic US 2018 granulát	32 g	5 day(s)	13.2 %
Dry Hop	Pacifica NZ 2016 granulát	80 g	5 day(s)	5.4 %
Dry Hop	Mandarina Bavaria DE 2018 granulát	72 g	5 day(s)	7.9 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Liquid	30 ml	Fermentum Mobile