

## #46 von Wegen -

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

### Batch size

- Expected quantity of finished beer **15.4 liter(s)**
- Trub loss **7 %**
- Size with trub loss **17.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **17.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	3.02 kg (100%)	70.5 %	30

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mandarina Bavaria DE 2018 granulát	8 g	60 min	8 %
Boil	Pacifica NZ 2016 granulát	8 g	60 min	5.4 %
Boil	Mosaic US 2018 granulát	8 g	30 min	13.2 %
Aroma (end of boil)	Mandarina Bavaria DE 2018 granulát	8 g	10 min	8 %
Aroma (end of boil)	Mosaic US 2018 granulát	8 g	10 min	13.2 %
Aroma (end of boil)	Pacifica NZ 2016 granulát	8 g	10 min	5.4 %
Dry Hop	Mosaic US 2018 granulát	52 g	5 day(s)	13.2 %
Dry Hop	Pacifica NZ 2016 granulát	42 g	5 day(s)	5.4 %
Dry Hop	Mandarina Bavaria DE 2018 granulát	42 g	5 day(s)	8 %
Dry Hop	lunga PL 2018 szyszka	19 g	5 day(s)	12.8 %

### Yeasts

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