

#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 |