

PPA

- Gravity **11.4 BLG**
- ABV ---
- IBU **50**
- SRM ---
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **2 %**
- Size with trub loss **20.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.6 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|--------------------------------|-------------|-------|-----|
| Liquid Extract | Gozdawa ekstrakt słodowy jasny | 3 kg (100%) | --- % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil | Marynka | 30 g | 50 min | 10 % |
| Boil | Lublin (Lubelski) | 20 g | 30 min | 4 % |
| Aroma (end of boil) | Lublin (Lubelski) | 20 g | 10 min | 4 % |
| Aroma (end of boil) | Lublin (Lubelski) | 10 g | 5 min | 4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11.5 g | Safale |