

Sour listopad

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **32**
- SRM **3.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------|----------------|-------|-----|
| Grain | Pilznieński | 2 kg (66.7%) | 81 % | 4 |
| Grain | Płatki owsiane | 0.3 kg (10%) | 60 % | 3 |
| Grain | Pszeniczny | 0.7 kg (23.3%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------|--------|--------|------------|
| Boil | Summit | 10 g | 50 min | 16 % |
| Aroma (end of boil) | Summit | 19 g | 2 min | 16 % |