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	Pilzneński	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 %