

10x

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **46**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **29.6 liter(s)**

Mash information

- Mash efficiency **69 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|--------------|-------|-----|
| Grain | Strzegom Pilzneński | 5 kg (71.4%) | 80 % | 4 |
| Grain | Pszeniczny | 1 kg (14.3%) | 85 % | 4 |
| Grain | Płatki owsiane | 1 kg (14.3%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------|--------|--------|------------|
| Boil | Simcoe | 30 g | 45 min | 12.8 % |
| Aroma (end of boil) | Simcoe | 50 g | 5 min | 12.8 % |