

GOLDEN LEAGUE

- Gravity **15.2 BLG**
- ABV ---
- IBU **71**
- SRM **5.9**
- Style **Special/Best/Premium Bitter**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **15 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.27 liter(s) / kg**
- Mash size **20.9 liter(s)**
- Total mash volume **27.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | maris otter crisp | 5 kg (78.1%) | 83 % | 6 |
| Grain | cara clair | 1 kg (15.6%) | 83 % | 7 |
| Grain | PSZENICZNY | 0.4 kg (6.3%) | 70 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|----------|------------|
| Dry Hop | Citra | 50 g | 7 day(s) | 12 % |
| Boil | Columbus/Tomahawk/Zeus | 40 g | 60 min | 15.5 % |
| Boil | Motueka | 30 g | 15 min | 7 % |
| Boil | Centennial | 20 g | 15 min | 10.5 % |
| Dry Hop | Centennial | 30 g | 7 day(s) | 10.5 % |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------------|--------|-----------|----------|
| Spice | TRAWA CYTRYNOWA | 20 g | Secondary | 7 day(s) |
| Fining | BRODA RUDEGO | 5 g | Boil | 15 min |