# [13] $\perp$ "Szept konkubiny" American Amber Ale Single hop Equinox

- Gravity 11.4 BLG
- ABV ----
- IBU **36**
- SRM 9.6
- Style American Amber Ale

#### **Batch size**

- Expected quantity of finished beer 24 liter(s)
- Trub loss 10 %
- Size with trub loss 26.4 liter(s)
- · Boil time 70 min
- Evaporation rate 15 %/h
- Boil size 33.8 liter(s)

## **Mash information**

- Mash efficiency 71.5 %
- Liquor-to-grist ratio 2.6 liter(s) / kg
- Mash size 14.6 liter(s)
- Total mash volume 20.2 liter(s)

### **Steps**

• Temp 67.5 C, Time 60 min

#### Mash step by step

- Heat up 14.6 liter(s) of strike water to 76.6C
- · Add grains
- Keep mash 60 min at 67.5C
- Sparge using 24.8 liter(s) of 76C water or to achieve 33.8 liter(s) of wort

#### **Fermentables**

| Туре  | Name                 | Amount               | Yield | EBC |
|-------|----------------------|----------------------|-------|-----|
| Grain | Strzegom Pale Ale    | 5 kg (89.3%)         | 79 %  | 6   |
| Grain | Carahell             | 0.5 kg <i>(8.9%)</i> | 77 %  | 26  |
| Grain | Special B 350 Castle | 0.1 kg <i>(1.8%)</i> | 77 %  | 350 |

#### Hops

| Use for             | Name          | Amount | Time     | Alpha acid |
|---------------------|---------------|--------|----------|------------|
| Boil                | Equinox       | 2.5 g  | 60 min   | 13.9 %     |
| Aroma (end of boil) | Equinox       | 47.5 g | 15 min   | 13.9 %     |
| Dry Hop             | Equinox ~20°C | 25 g   | 3 day(s) | 13.1 %     |

#### **Yeasts**

| Name                    | Туре | Form  | Amount  | Laboratory       |
|-------------------------|------|-------|---------|------------------|
| FM52 Amerykański<br>Sen | Ale  | Slant | 1000 ml | Fermentum Mobile |

## **Extras**

| Туре        | Name           | Amount | Use for | Time   |
|-------------|----------------|--------|---------|--------|
| Water Agent | chlorek wapnia | 10 g   | Mash    | 60 min |

#### **Notes**

karmelowe słody zagotowałem i przyrztmałem ok 15 min

