

Ciemne

- Gravity **14.5 BLG**
- ABV ---
- IBU **62**
- SRM **51.6**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------------------------------|--------------|-------|-----|
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 1.7 kg (50%) | 90 % | 621 |
| Liquid Extract | WES ekstrakt słodowy jasny | 1.7 kg (50%) | 80 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 25 g | 60 min | 15.5 % |
| Boil | Lublin (Lubelski) | 25 g | 20 min | 4 % |
| Boil | Amarillo | 20 g | 7 min | 9.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------------------|------|------|--------|------------|
| Gozdawa drożdże U.S. West Coast | Ale | Dry | 10 g | --- |