

M12

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **58**
- SRM **9.5**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|------------------|--------------|-------|-----|
| Liquid Extract | Bruntal | 1.7 kg (50%) | 81 % | 26 |
| Liquid Extract | Bruntal Pale Ale | 1.7 kg (50%) | 80 % | 35 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Magnat | 30 g | 50 min | 11.2 % |
| Boil | Lublin (Lubelski) | 48 g | 30 min | 4 % |
| Boil | Marynka | 15 g | 5 min | 10 % |
| Boil | Sybilla | 17 g | 5 min | 3.5 % |
| Dry Hop | Sybilla | 60 g | --- | 3.5 % |