

## M12

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- 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 %