

extract dopplebock - single hop

- Gravity **19.8 BLG**
- ABV **8.7 %**
- IBU **17**
- SRM **22.5**
- Style **Doppelbock**

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	ekstrakt pale ale	4 kg (62.5%)	80 %	30
Liquid Extract	ekstrakt amber	1.4 kg (21.9%)	--- %	180
Grain	Platki owsiane	1 kg (15.6%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Spalt	30 g	60 min	5.5 %
Aroma (end of boil)	Spalt	20 g	10 min	5.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M42 New World Strong Ale	Ale	Dry	10 g	Mangrove Jack's