

Good Myrning Ale

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **21**
- SRM **5.4**
- Style **Blonde Ale**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **13 %/h**
- Boil size **13 liter(s)**

Mash information

- Mash efficiency **82 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **8.8 liter(s)**
- Total mash volume **11.3 liter(s)**

Steps

- Temp **62 C**, Time **1 min**
- Temp **73 C**, Time **50 min**
- Temp **77 C**, Time **15 min**

Mash step by step

- Heat up **8.8 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **1 min** at **62C**
- Keep mash **50 min** at **73C**
- Keep mash **15 min** at **77C**
- Sparge using **6.7 liter(s)** of **76C** water or to achieve **13 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (80%)	80 %	6
Grain	Strzegom Monachijski typ I	0.5 kg (20%)	79 %	16

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	10 g	50 min	10 %
Boil	lunga	15 g	1 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's -M15 Empire Ale	Ale	Dry	10 g	Mangrove Jack's