

# Morning Glow

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **54**
- SRM **3.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **83 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.3 liter(s)**
- Total mash volume **24.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4 kg (65.6%)	81 %	4
Grain	Płatki owsiane	1.2 kg (19.7%)	85 %	3
Grain	Płatki orkiszowe	0.9 kg (14.8%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	60 g	45 min	11 %
Whirlpool	Glacier	75 g	0 min	5.5 %
Whirlpool	Mosaic	50 g	0 min	10 %
Whirlpool	Amarillo	50 g	0 min	9.5 %
Dry Hop	Glacier	75 g	2 day(s)	5.5 %
Dry Hop	Mosaic	50 g	2 day(s)	10 %
Dry Hop	Amarillo	50 g	2 day(s)	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Other	duuuuużo miłości	1.0E+22 g	Boil	0 min