

## \$Gose

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- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **12**
- SRM **3**
- Style **Specialty Beer**

### 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 **10 %/h**
- Boil size **12.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **6 liter(s)**
- Total mash volume **8 liter(s)**

### Steps

- Temp **69 C**, Time **60 min**

### Mash step by step

- Heat up **6 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **60 min** at **69C**
- Sparge using **8.7 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pilsen Malt	1 kg (50%)	80.5 %	2
Grain	Briess - Wheat Malt, White	1 kg (50%)	85 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	50 g	5 min	5.2 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Dry	12 g	Danstar

### Extras

Type	Name	Amount	Use for	Time
Spice	Kolendra	10 g	Boil	5 min
Spice	Sól	15 g	Boil	5 min
Flavor	Sok z aronii	1000 g	Primary	15 day(s)