

## Nuns with guns (DYI DOG)

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **24**
- SRM **5.9**
- Style **Premium American Lager**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **34.5 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	5 kg (76.9%)	81 %	6
Grain	Carabelge	0.5 kg (7.7%)	80 %	30
Grain	Monachijski	1 kg (15.4%)	80 %	16

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	10 g	30 min	6 %
Aroma (end of boil)	Cascade	10 g	5 min	6 %
Aroma (end of boil)	Amarillo	10 g	5 min	9.5 %
Aroma (end of boil)	Chinook	10 g	5 min	13 %
Dry Hop	Chinook	80 g	5 day(s)	13 %
Dry Hop	Cascade	60 g	5 day(s)	6 %
Dry Hop	Amarillo	70 g	5 day(s)	6 %
Boil	Amarillo	10 g	10 min	9.5 %
Boil	Cascade	10 g	10 min	6 %
Boil	Chinook	10 g	10 min	13 %
Boil	Amarillo	10 g	15 min	9.5 %
Boil	Cascade	10 g	15 min	6 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - Pilsen Lager	Lager	Liquid	125 ml	Wyeast Labs