

# Old Goat Foreign Stout (West India Porter)

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **24**
- SRM **39.5**
- Style **Foreign Extra Stout**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.5 liter(s)**
- Total mash volume **10 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	3 kg (54.5%)	80 %	4
Grain	Chocolate Malt (UK)	0.5 kg (9.1%)	73 %	887
Grain	Oats, Flaked	0.5 kg (9.1%)	80 %	2
Grain	Smoked Malt	0.5 kg (9.1%)	80 %	18
Grain	Carafa III	0.25 kg (4.5%)	70 %	1034
Grain	Cara-Pils/Dextrine	0.25 kg (4.5%)	72 %	4
Grain	Carafa III	0.25 kg (4.5%)	70 %	1034
Grain	Melanoiden Malt	0.25 kg (4.5%)	80 %	39

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Target	20 g	60 min	10.5 %
Boil	Fusion UK	20 g	20 min	4.57 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Dry	11 g	Danstar