

## #100 - Zbigniew Jasny

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **25**
- SRM **3.6**
- Style **Old Ale**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (100%)	81 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	25 min	11 %
Boil	lunga	20 g	0 min	11 %
Aroma (end of boil)	Zula	50 g	0 min	8.3 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Liquid	1000 ml	Fermentum Mobile

### Notes

- Fermentacja - 17C (5 dni) -> 22  
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