

Dry Stout (Guinness)

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **39**
- SRM **36**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **27 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.6 liter(s) / kg**
- Mash size **16.2 liter(s)**
- Total mash volume **20.7 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------|----------------|-------|------|
| Grain | Pale Malt (2 Row) Bel | 2.8 kg (62.2%) | 80 % | 6 |
| Grain | Płatki owsiane | 1 kg (22.2%) | 85 % | 3 |
| Grain | Carafa II | 0.7 kg (15.6%) | 70 % | 1100 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------|--------|--------|------------|
| Boil | Green Bullet | 30 g | 60 min | 12.3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| us 05 | Ale | Dry | 11.5 g | Damianowe |