

Tęgie Żyto

- Gravity **17.3 BLG**
- ABV **7.4 %**
- IBU **27**
- SRM **30.4**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **3 %**
- Size with trub loss **23.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **27 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|--------|------|
| Grain | Viking Pale Ale malt | 5 kg (74.1%) | 80 % | 5 |
| Grain | Rye, Flaked | 1 kg (14.8%) | 78.3 % | 4 |
| Grain | Weyermann Palony Jeczmien | 0.25 kg (3.7%) | 55 % | 1150 |
| Grain | Weyermann żytni Czekoladowy | 0.25 kg (3.7%) | 70 % | 1050 |
| Grain | Simpsons - Crystal Rye | 0.25 kg (3.7%) | 73 % | 177 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil | lunga | 25 g | 60 min | 12.5 % |