

# 100% brett ris

- Gravity **29.1 BLG**
- ABV **14.3 %**
- IBU **64**
- SRM **53.7**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **11.6 liter(s)**
- Total mash volume **17.4 liter(s)**

## Fermentables

| Type    | Name                        | Amount         | Yield | EBC  |
|---------|-----------------------------|----------------|-------|------|
| Grain   | Strzegom Wiedeński          | 2 kg (33.1%)   | 79 %  | 10   |
| Grain   | Simpsons - Golden Promise   | 2 kg (33.1%)   | 81 %  | 4    |
| Grain   | Maris Otter                 | 1 kg (16.5%)   | 81 %  | 6    |
| Grain   | Specjal X                   | 0.3 kg (5%)    | 81 %  | ---  |
| Grain   | Extra black                 | 0.2 kg (3.3%)  | 65 %  | 1400 |
| Grain   | Strzegom Czekoladowy ciemny | 0.3 kg (5%)    | 68 %  | 1200 |
| Adjunct | Płatki owsiane              | 0.25 kg (4.1%) | 85 %  | 3    |

## Hops

| Use for | Name   | Amount | Time   | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil    | Magnum | 42 g   | 60 min | 13.5 %     |

## Yeasts

| Name                                | Type | Form   | Amount | Laboratory |
|-------------------------------------|------|--------|--------|------------|
| WLP650 - Brettanomyces bruxellensis | Ale  | Liquid | 600 ml | White Labs |

## Extras

| Type   | Name                              | Amount | Use for   | Time       |
|--------|-----------------------------------|--------|-----------|------------|
| Flavor | Maliny                            | 1400 g | Secondary | 180 day(s) |
| Other  | Płatki dębowe macerowane w whyske | 20 g   | Secondary | 180 day(s) |
| Flavor | Wanilia                           | 10 g   | Secondary | 180 day(s) |

## Notes

- Blg nastawne zatrzymało się na 23,5  
6 tygodni ferm. Burzliwa, następnie pół roku w balonie z dodatkami.  
*Apr 1, 2019, 11:06 AM*