

## PIWPAW ciemny drań 01.01.23

- Gravity **20.5 BLG**
- ABV **9 %**
- IBU **31**
- SRM **35.1**
- Style **Belgian Dark Strong Ale**

### Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.6 liter(s)**

### Fermentables

| Type           | Name                            | Amount         | Yield | EBC |
|----------------|---------------------------------|----------------|-------|-----|
| Liquid Extract | Bruntal ekstrakt słodowy ciemny | 1.7 kg (33.3%) | 90 %  | 320 |
| Liquid Extract | Bruntal ekstrakt słodowy jasny  | 3.4 kg (66.7%) | 81 %  | 22  |

### Hops

| Use for             | Name            | Amount | Time     | Alpha acid |
|---------------------|-----------------|--------|----------|------------|
| First Wort          | sybilla pl 2021 | 40 g   | 30 min   | 7.5 %      |
| Aroma (end of boil) | myrynka pl 2021 | 25 g   | 10 min   | 8.6 %      |
| Dry Hop             | Perle           | 30 g   | 6 day(s) | 6 %        |
| Dry Hop             | sybilla pl 2021 | 10 g   | 6 day(s) | 7.5 %      |

### Yeasts

| Name                       | Type  | Form | Amount | Laboratory |
|----------------------------|-------|------|--------|------------|
| WLP005 - British Ale Yeast | Lager | Dry  | 11 g   | austria    |

### Extras

| Type   | Name                                                 | Amount | Use for   | Time     |
|--------|------------------------------------------------------|--------|-----------|----------|
| Flavor | płatki dębowe cream średnio palone                   | 20 g   | Secondary | 6 day(s) |
| Flavor | płatki dębowe francuskie dark chocolate mocno palone | 20 g   | Secondary | 6 day(s) |

### Notes

- Fermentacja burzliwa - 9 dni (17blg)  
Fermentacja cicha (chmienie na zimno + płatki dębowe, cream średnio palone 20g, francuskie dark chocolate 20g) - 6 dni (5blg)  
Rozlew - 20.12.2022 - 20l (butelki 0,5l)  
Temp. leżakowania - 15 stopni C  
ABV 6,2%  
Dec 13, 2022, 5:56 PM