

# warka 22.01.2022

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- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **22**
- SRM **3.6**
- Style **Saison**

## 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 **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Fermentables

| Type  | Name                 | Amount       | Yield  | EBC |
|-------|----------------------|--------------|--------|-----|
| Grain | Briess - Pilsen Malt | 2 kg (33.3%) | 80.5 % | 2   |
| Grain | Pszeniczny           | 2 kg (33.3%) | 85 %   | 4   |
| Grain | Płatki owsiane       | 1 kg (16.7%) | 60 %   | 3   |
| Grain | Płatki orkiszowe     | 1 kg (16.7%) | 60 %   | 4   |

## Hops

| Use for   | Name               | Amount | Time   | Alpha acid |
|-----------|--------------------|--------|--------|------------|
| Boil      | East Kent Goldings | 17 g   | 15 min | 5.1 %      |
| Whirlpool | Galaxy             | 50 g   | 10 min | 15 %       |
| Boil      | Fuggles            | 20 g   | 15 min | 4.5 %      |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
| 05   | Ale  | Dry  | 10 g   | ---        |

## Notes

- us 05 prosto z paki  
*Jan 22, 2022, 9:36 PM*