

# Dunkelweizen V1

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **14**
- SRM **18.6**
- Style **Dunkelweizen**

## Batch size

- Expected quantity of finished beer **42 liter(s)**
- Trub loss **5 %**
- Size with trub loss **44.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **54 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **30.9 liter(s)**
- Total mash volume **41.2 liter(s)**

## Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **30 min**
- Temp **72 C**, Time **40 min**

## Mash step by step

- Heat up **30.9 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **30 min** at **63C**
- Keep mash **40 min** at **72C**
- Sparge using **33.4 liter(s)** of **76C** water or to achieve **54 liter(s)** of wort

## Fermentables

| Type  | Name                                   | Amount         | Yield | EBC  |
|-------|----------------------------------------|----------------|-------|------|
| Grain | Monachijski                            | 4 kg (38.8%)   | 80 %  | 16   |
| Grain | Pszeniczny                             | 5.4 kg (52.4%) | 85 %  | 4    |
| Grain | Fawcett -<br>Pszeniczny<br>Czekoladowy | 0.5 kg (4.9%)  | 73 %  | 1001 |
| Grain | Biscuit Malt                           | 0.4 kg (3.9%)  | 79 %  | 45   |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Lublin (Lubelski) | 70 g   | 60 min | 4 %        |

## Yeasts

| Name                     | Type  | Form | Amount | Laboratory |
|--------------------------|-------|------|--------|------------|
| Safbrew WB-06            | Wheat | Dry  | 11.5 g | Safbrew    |
| Mauribrew Weiss<br>Y1433 | Wheat | Dry  | 11.5 g | Mauribrew  |

## Notes

- Łuska Orkiszowa 0,2 kg do filtracji  
*Nov 26, 2017, 6:24 AM*

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.