

# Dark ale Farmhouse tour

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- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **17**
- SRM **22.4**
- Style **Flanders Brown Ale/Oud Bruin**

## Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **23.6 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **22 liter(s)**
- Total mash volume **27.5 liter(s)**

## Steps

- Temp **69 C**, Time **60 min**
- Temp **72 C**, Time **15 min**

## Mash step by step

- Heat up **22 liter(s)** of strike water to **75.1C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **15 min** at **72C**
- Sparge using **7.1 liter(s)** of **76C** water or to achieve **23.6 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount         | Yield  | EBC |
|-------|-----------------------------|----------------|--------|-----|
| Grain | Pilzneński                  | 4 kg (72.1%)   | 81 %   | 4   |
| Grain | Strzegom Monachijski typ II | 1 kg (18%)     | 79 %   | 22  |
| Grain | Special X                   | 0.3 kg (5.4%)  | 75 %   | 350 |
| Grain | Carafa II                   | 0.2 kg (3.6%)  | 70 %   | 812 |
| Sugar | Candi Sugar, Dark           | 0.05 kg (0.9%) | 78.3 % | 542 |

## Hops

| Use for | Name   | Amount | Time   | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil    | Magnum | 11 g   | 75 min | 13.5 %     |

## Yeasts

| Name                              | Type | Form  | Amount | Laboratory      |
|-----------------------------------|------|-------|--------|-----------------|
| Mangrove Jack's M47 Belgian Abbey | Ale  | Dry   | 10 g   | Mangrove Jack's |
| brett                             | Ale  | Slant | 100 ml | ---             |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|       |                  |        |           |           |
|-------|------------------|--------|-----------|-----------|
| Other | czarna porzeczka | 1000 g | Secondary | 30 day(s) |
|-------|------------------|--------|-----------|-----------|