

# Dziwny Witek

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **18**
- SRM **3.6**
- Style **Witbier**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **4 %**
- Size with trub loss **20.8 liter(s)**
- Boil time **70 min**
- Evaporation rate **15 %/h**
- Boil size **28 liter(s)**

## Mash information

- Mash efficiency **74 %**
- Liquor-to-grist ratio **6 liter(s) / kg**
- Mash size **28.8 liter(s)**
- Total mash volume **33.6 liter(s)**

## Steps

- Temp **66 C**, Time **90 min**
- Temp **71 C**, Time **30 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **28.8 liter(s)** of strike water to **69.8C**
- Add grains
- Keep mash **90 min** at **66C**
- Keep mash **30 min** at **71C**
- Keep mash **10 min** at **76C**
- Sparge using **4 liter(s)** of **76C** water or to achieve **28 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pszeniczny | 1.5 kg (31.3%) | 81 %  | 6   |
| Grain | Pilzneński          | 1.8 kg (37.5%) | 81 %  | 4   |
| Grain | Płatki pszeniczne   | 1 kg (20.8%)   | 85 %  | 3   |
| Grain | Oats, Flaked        | 0.5 kg (10.4%) | 80 %  | 2   |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Sybilla | 10 g   | 60 min | 7 %        |
| Boil    | Sybilla | 10 g   | 30 min | 7 %        |
| Boil    | Sybilla | 15 g   | 10 min | 7 %        |

## Yeasts

| Name                             | Type | Form    | Amount | Laboratory |
|----------------------------------|------|---------|--------|------------|
| WLP566 - Belgian Saison II Yeast | Ale  | Culture | 50 g   | White Labs |

## Extras

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

|        |                    |      |      |       |
|--------|--------------------|------|------|-------|
| Spice  | Coriander Seeds    | 15 g | Boil | 5 min |
| Flavor | Bitter Orange Peel | 15 g | Boil | 5 min |