

## AMERICAN WITBIER

- Gravity **11.7 BLG**
- ABV ---
- IBU **32**
- SRM **3.2**
- Style **Witbier**

### Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **21.9 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **6 liter(s)**
- Total mash volume **8 liter(s)**

### Fermentables

| Type    | Name                  | Amount         | Yield | EBC |
|---------|-----------------------|----------------|-------|-----|
| Grain   | Strzegom Pilzneński   | 1.5 kg (42.9%) | 80 %  | 4   |
| Grain   | Strzegom Wiedeński    | 0.25 kg (7.1%) | 79 %  | 10  |
| Adjunct | Pszenica niesłodowana | 1.5 kg (42.9%) | 75 %  | 3   |
| Grain   | Płatki pszeniczne     | 0.25 kg (7.1%) | 85 %  | 3   |

### Hops

| Use for             | Name                   | Amount | Time     | Alpha acid |
|---------------------|------------------------|--------|----------|------------|
| Boil                | Columbus/Tomahawk/Zeus | 10 g   | 60 min   | 15.8 %     |
| Aroma (end of boil) | Mosaic                 | 5 g    | 15 min   | 12.8 %     |
| Aroma (end of boil) | Cascade                | 10 g   | 15 min   | 6.9 %      |
| Aroma (end of boil) | Cascade                | 10 g   | 5 min    | 6.9 %      |
| Aroma (end of boil) | Cascade                | 10 g   | 0 min    | 6.9 %      |
| Dry Hop             | Cascade                | 25 g   | 3 day(s) | 6.9 %      |

### Yeasts

| Name                            | Type  | Form | Amount | Laboratory |
|---------------------------------|-------|------|--------|------------|
| Gozdawa Classic Belgian Witbier | Wheat | Dry  | 10 g   | Gozdawa    |

### Extras

| Type  | Name                         | Amount | Use for | Time  |
|-------|------------------------------|--------|---------|-------|
| Spice | curacao                      | 12.5 g | Boil    | 5 min |
| Spice | skórka z słodkiej pomarańczy | 12.5 g | Boil    | 5 min |
| Spice | kolendra                     | 10 g   | Boil    | 5 min |
| Spice | skórka ze świeżej cytryny    | 18 g   | Boil    | 5 min |

|       |                                            |     |         |          |
|-------|--------------------------------------------|-----|---------|----------|
| Other | pożywka dla<br>drożdzy winiarskich<br>+ B1 | 5 g | Primary | 0 day(s) |
|-------|--------------------------------------------|-----|---------|----------|