

# Witek z Ameryki

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **21**
- SRM **3.9**
- Style **Witbier**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.9 liter(s)**
- Total mash volume **29.2 liter(s)**

## Fermentables

| Type  | Name                        | Amount         | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński         | 3 kg (41.1%)   | 80 %  | 4   |
| Grain | Strzegom Pszeniczny         | 1.5 kg (20.5%) | 81 %  | 6   |
| Grain | Płatki pszeniczne           | 1.5 kg (20.5%) | 85 %  | 3   |
| Grain | Płatki owsiane              | 0.8 kg (11%)   | 85 %  | 3   |
| Grain | Płatki orkiszowe            | 0.4 kg (5.5%)  | 80 %  | 4   |
| Grain | Weyermann - Acidulated Malt | 0.1 kg (1.4%)  | 80 %  | 6   |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Citra   | 18 g   | 60 min | 12 %       |
| Boil    | Cascade | 15 g   | 15 min | 6.9 %      |
| Boil    | Cascade | 25 g   | 0 min  | 6.9 %      |

## Yeasts

| Name               | Type  | Form  | Amount | Laboratory       |
|--------------------|-------|-------|--------|------------------|
| FM20 Białe Walonki | Wheat | Slant | 200 ml | Fermentum Mobile |

## Extras

| Type   | Name              | Amount | Use for | Time   |
|--------|-------------------|--------|---------|--------|
| Flavor | skórka pomarańczy | 50 g   | Boil    | 15 min |
| Spice  | kolędra           | 10 g   | Boil    | 15 min |
| Flavor | curacao           | 15 g   | Boil    | 5 min  |
| Spice  | kolędra           | 15 g   | Boil    | 5 min  |
| Flavor | skórka pomarańczy | 30 g   | Boil    | 5 min  |
| Herb   | mięta             | 15 g   | Boil    | 5 min  |