

# Żółty ONE

- Gravity **12.6 BLG**
- ABV ---
- IBU **28**
- SRM **4.1**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **20.3 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **2 min**

## Mash step by step

- Heat up **15.8 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **2 min** at **78C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount        | Yield | EBC |
|-------|-----------------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński         | 2 kg (44.4%)  | 80 %  | 4   |
| Grain | Pszeniczny                  | 2 kg (44.4%)  | 85 %  | 4   |
| Grain | Wheat, Flaked               | 0.4 kg (8.9%) | 77 %  | 4   |
| Grain | Weyermann - Acidulated Malt | 0.1 kg (2.2%) | 80 %  | 6   |

## Hops

| Use for | Name        | Amount | Time   | Alpha acid |
|---------|-------------|--------|--------|------------|
| Boil    | Warrior     | 5 g    | 60 min | 15.5 %     |
| Boil    | Sorachi Ace | 20 g   | 30 min | 10 %       |
| Boil    | Sorachi Ace | 30 g   | 0 min  | 10 %       |

## Yeasts

| Name          | Type | Form | Amount | Laboratory |
|---------------|------|------|--------|------------|
| US West Coast | Ale  | Dry  | 10 g   | Gozdawa    |

## Extras

| Type  | Name             | Amount | Use for | Time  |
|-------|------------------|--------|---------|-------|
| Spice | Skórka cytrynowa | 8 g    | Boil    | 5 min |

|       |                 |     |      |        |
|-------|-----------------|-----|------|--------|
| Spice | Trawa cytrynowa | 8 g | Boil | 5 min  |
| Other | Chłodnica       | 0 g | Boil | 15 min |