

# Wspomnienie wakacji

- Gravity **16.8 BLG**
- ABV **7.1 %**
- IBU **20**
- SRM **8.5**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **23.7 liter(s)**
- Total mash volume **31.6 liter(s)**

## Steps

- Temp **67 C**, Time **80 min**

## Mash step by step

- Heat up **23.7 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **80 min** at **67C**
- Sparge using **13.2 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Viking Vienna Malt         | 5 kg (63.3%)   | 79 %  | 7   |
| Grain | Strzegom Monachijski typ I | 2 kg (25.3%)   | 79 %  | 16  |
| Grain | Strzegom Karmel 30         | 0.9 kg (11.4%) | 75 %  | 30  |

## Hops

| Use for             | Name       | Amount | Time     | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil                | Challenger | 30 g   | 60 min   | 7 %        |
| Aroma (end of boil) | Fuggles    | 15 g   | 20 min   | 4.5 %      |
| Dry Hop             | Fuggles    | 15 g   | 7 day(s) | 4.5 %      |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 11.5 g | Safale     |

## Extras

| Type   | Name     | Amount | Use for   | Time     |
|--------|----------|--------|-----------|----------|
| Flavor | bursztyn | 50 g   | Boil      | 60 min   |
| Flavor | bursztyn | 50 g   | Secondary | 7 day(s) |

## Notes

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

- Dodam jeszcze nalewki Bursztynowej 100 ml przed butelkowaniem  
*Oct 17, 2018, 9:37 PM*