

# Świąteczne

- Gravity **19.1 BLG**
- ABV **8.3 %**
- IBU **21**
- SRM ---
- Style **Specialty Beer**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **30 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Fermentables

| Type           | Name                    | Amount         | Yield | EBC |
|----------------|-------------------------|----------------|-------|-----|
| Liquid Extract | Thomas Coopers Pale Ale | 1.7 kg (29.8%) | 100 % | --- |
| Liquid Extract | miód leśny              | 2.2 kg (38.6%) | --- % | --- |
| Liquid Extract | miód wielokwiatowy      | 1.3 kg (22.8%) | --- % | --- |
| Sugar          | sacharoza               | 0.5 kg (8.8%)  | --- % | --- |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Marynka | 20 g   | 30 min | 10 %       |
| Boil    | Marynka | 30 g   | 10 min | 10 %       |

## Yeasts

| Name                                 | Type | Form | Amount | Laboratory |
|--------------------------------------|------|------|--------|------------|
| Gozdawa - Pure Ale Yeast 7           | Ale  | Dry  | 10 g   | Gozdawa    |
| MEAD YEAST drożdże do miodów pitnych | Wine | Dry  | 10 g   | Starowar   |

## Extras

| Type   | Name                | Amount | Use for | Time   |
|--------|---------------------|--------|---------|--------|
| Spice  | skórka pomarańczowa | 2 g    | Boil    | 30 min |
| Flavor | pomarańcza          | 1 g    | Boil    | 10 min |
| Spice  | goździki            | 5 g    | Boil    | 10 min |
| Spice  | cynamon             | 7 g    | Boil    | 10 min |
| Spice  | gałka muszkatołowa  | 9 g    | Boil    | 10 min |
| Spice  | pieprz czarny       | 5 g    | Boil    | 10 min |

## Notes

- Gotowanie 30 min ekstrakt, 10 min przed miód leśny, wielokwiatowy do gorącej warki, chłodzone na zewnątrz przez 8h, blg 18/19

goździki 40 szt,  
1 pomarańcza gotowana

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

skórka z dwóch  
15 szt kulek pieprzu  
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