# Grodziskie "GRILLOVE"

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- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **33**
- SRM **4.4**
- Style **Grodziskie**

## Batch size

- Expected quantity of finished beer **15.5 liter(s)**
- Trub loss **15 %**
- Size with trub loss **17.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.1 liter(s)**

## Mash information

- Mash efficiency **62 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **16.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **11.1 liter(s)** of **76C** water or to achieve **22.1 liter(s)** of wort

## Fermentables

| Type | Name | Amount | Yield | EBC |
|---|---|---|---|---|
| Grain | Weyermann - Grodziski | 4 kg *(72.7%)* | 80 % | 4 |
| Grain | Viking Pilsner malt | 1 kg *(18.2%)* | 82 % | 4 |
| Grain | Bestmalz Caramel Pils | 0.5 kg *(9.1%)* | 75 % | 5 |

## Hops

| Use for | Name | Amount | Time | Alpha acid |
|---|---|---|---|---|
| Boil | lunga | 25 g | 90 min | 10 % |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|---|---|---|---|---|
| k-97 | Ale | Slant | 200 ml | --- |

## Extras

| Type | Name | Amount | Use for | Time |
|---|---|---|---|---|
| Flavor | Pulpa pomidorowa | 1100 g | Boil | 10 min |
| Łowicz | | | | |

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

| | | | | |
|---|---|---|---|---|
| Spice | Pomidory suszone płatki - 62%, czosnek, cebula, bazylia - 5%, oregano, rozmaryn, sól, chilli | 30 g | Boil | 10 min |
| Kamis+ Prymat | | | | |
| Flavor | Wędzona słodka papryka | 20 g | Boil | 10 min |
| Spice | Kolendra | 12 g | Boil | 10 min |
| Fining | Whirflock | 1 g | Boil | 5 min |

## Notes

- dodano 6ml kwasu fosforowego do zacierania

  Przyprawy w pończosze
  Gotowanie 120min.

  Grodziski Konkurs Piw Domowych 2023
  *May 1, 2023, 9:56 PM*