

GREEN MOON GH

- Gravity **15.9 BLG**
- ABV ---
- IBU **40**
- SRM **39.8**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **1500 liter(s)**
- Trub loss **5 %**
- Size with trub loss **1575 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **1811.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **1530 liter(s)**
- Total mash volume **2040 liter(s)**

Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **40 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **1530 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **40 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **791.3 liter(s)** of **76C** water or to achieve **1811.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|--------------|-------|-----|
| Grain | Pale Ale | 250 kg (49%) | 72 % | 4 |
| Grain | Monachijski | 50 kg (9.8%) | 85 % | 4 |
| Grain | Caramel/Crystal Malt - 160 | 25 kg (4.9%) | 72 % | 160 |
| Grain | Żytni | 25 kg (4.9%) | 85 % | 8 |
| Grain | Caraaroma | 25 kg (4.9%) | 78 % | 400 |
| Grain | Weyermann - Chocolate Wheat | 25 kg (4.9%) | 74 % | 788 |
| Grain | Jęczmień palony | 20 kg (3.9%) | 55 % | 985 |
| Grain | Weyermann - Carafa I | 15 kg (2.9%) | 70 % | 690 |
| Grain | Płatki owsiane | 45 kg (8.8%) | 85 % | 3 |
| Grain | Płatki jęczmienne | 30 kg (5.9%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Warrior | 2000 g | 60 min | 15.5 % |

Yeasts

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

| Name | Type | Form | Amount | Laboratory |
|-------------|-------------|-------------|---------------|-------------------|
| Safale S-04 | Ale | Dry | 1000 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|---------------|---------------|----------------|-------------|
| Water Agent | węglan wapnia | 630 g | Mash | 60 min |
| Fining | mech | 300 g | Boil | 15 min |