

Imperial Galaxy Rice Ipa

- Gravity **21.1 BLG**
- ABV ---
- IBU **102**
- SRM **8**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **33.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **29.4 liter(s)**
- Total mash volume **37.8 liter(s)**

Steps

- Temp **62 C**, Time **45 min**
- Temp **68 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **29.4 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **45 min** at **62C**
- Keep mash **20 min** at **68C**
- Keep mash **10 min** at **76C**
- Sparge using **12.1 liter(s)** of **76C** water or to achieve **33.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|-----------------------------|---------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 5 kg (53.2%) | 85 % | 7 |
| Grain | Strzegom Pale Ale | 2 kg (21.3%) | 79 % | 6 |
| Grain | Monachijski | 0.5 kg (5.3%) | 80 % | 16 |
| Adjunct | Rice, Flaked | 1 kg (10.6%) | 70 % | 2 |
| Grain | Weyermann - Carapils | 0.6 kg (6.4%) | 78 % | 4 |
| Grain | Oats, Flaked | 0.2 kg (2.1%) | 80 % | 2 |
| Grain | Weyermann - Acidulated Malt | 0.1 kg (1.1%) | 80 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------|--------|--------|------------|
| Boil | Topaz | 50 g | 77 min | 15 % |
| Boil | lunga | 30 g | 60 min | 15.5 % |
| Boil | Galaxy | 20 g | 10 min | 15 % |
| Boil | Topaz | 25 g | 10 min | 15 % |
| Aroma (end of boil) | Galaxy | 40 g | 0 min | 15 % |

| | | | | |
|---------|---------|------|----------|--------|
| Dry Hop | Equinox | 30 g | 4 day(s) | 13.1 % |
| Dry Hop | Galaxy | 60 g | 3 day(s) | 15 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|-------|-------|--------|------------|
| US-05 | Wheat | Slant | 345 ml | fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|------------|--------|---------|--------|
| Fining | Irish Moss | 5.75 g | Boil | 15 min |