

# Red Jasmin

- Gravity **13.1 BLG**
- ABV ---
- IBU **32**
- SRM **16.3**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **12 %/h**
- Boil size **26.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.8 liter(s)**
- Total mash volume **18.4 liter(s)**

## Steps

- Temp **45 C**, Time **20 min**
- Temp **52 C**, Time **10 min**
- Temp **67 C**, Time **70 min**

## Mash step by step

- Heat up **13.8 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **20 min** at **45C**
- Keep mash **10 min** at **52C**
- Keep mash **70 min** at **67C**
- Sparge using **17.5 liter(s)** of **76C** water or to achieve **26.7 liter(s)** of wort

## Fermentables

| Type  | Name                          | Amount         | Yield | EBC |
|-------|-------------------------------|----------------|-------|-----|
| Grain | Weyermann - Light Munich Malt | 1.5 kg (32.6%) | 82 %  | 14  |
| Grain | Briess - Wheat Malt, White    | 3 kg (65.2%)   | 85 %  | 5   |
| Grain | Jęczmień palony               | 0.1 kg (2.2%)  | 55 %  | 985 |

## Hops

| Use for | Name        | Amount | Time     | Alpha acid |
|---------|-------------|--------|----------|------------|
| Boil    | Crystal     | 50 g   | 60 min   | 4.5 %      |
| Boil    | Crystal     | 25 g   | 10 min   | 4.5 %      |
| Dry Hop | Hersbrucker | 50 g   | 7 day(s) | 3 %        |
| Dry Hop | Crystal     | 25 g   | 7 day(s) | 4.5 %      |

## Yeasts

| Name  | Type  | Form | Amount | Laboratory |
|-------|-------|------|--------|------------|
| WB-06 | Wheat | Dry  | 11.5 g | Fermentis  |

## Extras

| Type        | Name            | Amount | Use for   | Time     |
|-------------|-----------------|--------|-----------|----------|
| Herb        | Jasmin          | 20 g   | Boil      | 10 min   |
| Herb        | Gunpowder Tea   | 50 g   | Boil      | 10 min   |
| Herb        | Jasmin          | 20 g   | Secondary | 7 day(s) |
| Herb        | Gunpowder Tea   | 50 g   | Secondary | 7 day(s) |
| Water Agent | Phosphoric Acid | 2 g    | Mash      | 100 min  |
| Other       | Irish Moss      | 5 g    | Boil      | 10 min   |