

## Gold Fusion

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **54**
- SRM **8.3**
- Style **English IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **20.4 liter(s)**

### Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **15.3 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.1 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount         | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt        | 1.1 kg (21.6%) | 80 %  | 5   |
| Grain | Strzegom Monachijski typ I  | 2 kg (39.2%)   | 79 %  | 16  |
| Grain | Strzegom Monachijski typ II | 2 kg (39.2%)   | 79 %  | 22  |

### Hops

| Use for | Name            | Amount | Time     | Alpha acid |
|---------|-----------------|--------|----------|------------|
| Boil    | Fusion UK       | 70 g   | 60 min   | 6.4 %      |
| Boil    | Fusion UK       | 20 g   | 10 min   | 6.4 %      |
| Dry Hop | English Golding | 30 g   | 3 day(s) | 4.8 %      |

### Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 11.5 g | ---        |