

## Sour ale marakuja calamansi

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- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU ---
- SRM **4.2**
- Style **Fruit Beer**

### Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **13 %/h**
- Boil size **19.5 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 **65 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

### Mash step by step

- Heat up **13.8 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **0 min** at **76C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **19.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Pilsen	4.6 kg (100%)	80.5 %	4