

American Mango Wheat - 12/2020

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **27**
- SRM **3.8**
- Style **Fruit Beer**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **3 %**
- Size with trub loss **26.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **63 C**, Time **40 min**
- Temp **73 C**, Time **20 min**
- Temp **77 C**, Time **15 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **73C**
- Keep mash **15 min** at **77C**
- Sparge using **19.9 liter(s)** of **76C** water or to achieve **31.9 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------|------------|-------|-----|
| Grain | Pilzneński | 3 kg (50%) | 81 % | 4 |
| Grain | Pszeniczny | 3 kg (50%) | 85 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------|--------|-----------|------------|
| Boil | Columbus | 20 g | 60 min | 15.5 % |
| Dry Hop | Cascade | 50 g | 14 day(s) | 5.5 % |
| Dry Hop | Mosaic | 50 g | 14 day(s) | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-------------|--------|-----------|-----------|
| Flavor | mango pulpa | 2400 g | Secondary | 14 day(s) |