

Vermont IPA + Mango - w kociołku Hopfengott 15L

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **26**
- SRM **4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **12.3 liter(s)**
- Total mash volume **15.8 liter(s)**

Steps

- Temp **63 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **77 C**, Time **1 min**

Mash step by step

- Heat up **12.3 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **60 min** at **63C**
- Keep mash **10 min** at **72C**
- Keep mash **1 min** at **77C**
- Sparge using **7 liter(s)** of **76C** water or to achieve **15.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------|---------------|-------|-----|
| Grain | Pilzneński | 3.5 kg (100%) | 81 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|----------|------------|
| Boil | Equinox | 5 g | 40 min | 13.6 % |
| Boil | Equinox | 10 g | 15 min | 13.6 % |
| Boil | Equinox | 10 g | 5 min | 13.6 % |
| Boil | Sterling | 25 g | 0 min | 7.6 % |
| Boil | Mosaic | 25 g | 0 min | 12.3 % |
| Dry Hop | Sterling | 20 g | 3 day(s) | 7.6 % |
| Dry Hop | Mosaic | 20 g | 3 day(s) | 12.3 % |
| Dry Hop | Centennial | 20 g | 3 day(s) | 8.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 6.9 g | Safale |

Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Type | Name | Amount | Use for | Time |
|--------|-------------|--------|-----------|----------|
| Flavor | pulpa mango | 850 g | Secondary | 3 day(s) |

Notes

- Fermentacja burzliwa 7 dni
Fermentacja cicha 7 dni
May 22, 2021, 4:00 PM