

IPA Mango

- Gravity **15.2 BLG**
- ABV ---
- IBU **45**
- SRM **4.1**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **45 liter(s)**
- Trub loss **5 %**
- Size with trub loss **47.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **57 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.9 liter(s) / kg**
- Mash size **50.2 liter(s)**
- Total mash volume **63 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **76 C**, Time **10 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **50.2 liter(s)** of strike water to **74.1C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **76C**
- Keep mash **1 min** at **78C**
- Sparge using **19.7 liter(s)** of **76C** water or to achieve **57 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|------------------|-------|-----|
| Grain | Strzegom Pilzneński | 11.79 kg (91.7%) | 80 % | 4 |
| Grain | Strzegom Pszeniczny | 1.07 kg (8.3%) | 81 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------|---------|----------|------------|
| Boil | Styrian Wolf | 42.86 g | 70 min | 13.1 % |
| Boil | Chinook PL | 64.29 g | 15 min | 8.5 % |
| Boil | Cascade PL | 64.29 g | 15 min | 5.2 % |
| Dry Hop | Chinook PL | 42.86 g | 7 day(s) | 8.5 % |
| Dry Hop | Cascade PL | 42.86 g | 7 day(s) | 5.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------|------|-------|-----------|------------|
| Safbrew US-05 | Ale | Slant | 214.29 ml | --- |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|--------|-------------|-----------|-----------|----------|
| Flavor | Laktoza | 1.07 g | Boil | 5 min |
| Flavor | Pulpa Mango | 2142.86 g | Secondary | 7 day(s) |