

# Triple Hop

- Gravity **16.6 BLG**
- ABV **7 %**
- IBU **67**
- SRM **5.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **26.9 liter(s)**
- Total mash volume **35.3 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**

## Mash step by step

- Heat up **26.9 liter(s)** of strike water to **72C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **13.2 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 8.4 kg (100%) | 80 %  | 5   |

## Hops

| Use for | Name   | Amount | Time     | Alpha acid |
|---------|--------|--------|----------|------------|
| Boil    | Mosaic | 20 g   | 60 min   | 12 %       |
| Boil    | Simcoe | 10 g   | 60 min   | 11.1 %     |
| Boil    | Zythos | 10 g   | 60 min   | 10.5 %     |
| Boil    | Mosaic | 20 g   | 15 min   | 12 %       |
| Boil    | Simcoe | 30 g   | 15 min   | 11.1 %     |
| Boil    | Zythos | 30 g   | 15 min   | 10.5 %     |
| Boil    | Mosaic | 20 g   | 0 min    | 12 %       |
| Boil    | Simcoe | 20 g   | 0 min    | 11.1 %     |
| Boil    | Zythos | 20 g   | 0 min    | 10.5 %     |
| Dry Hop | Mosaic | 60 g   | 4 day(s) | 12 %       |
| Dry Hop | Simcoe | 30 g   | 4 day(s) | 11.1 %     |
| Dry Hop | Zythos | 30 g   | 4 day(s) | 10.5 %     |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|              |     |     |      |           |
|--------------|-----|-----|------|-----------|
| Safale US-05 | Ale | Dry | 23 g | Fermentis |
|--------------|-----|-----|------|-----------|