

DIPA

- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **61**
- SRM **4.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.3 liter(s)**
- Total mash volume **19 liter(s)**

Steps

- Temp **69 C**, Time **40 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **14.3 liter(s)** of strike water to **77.1C**
- Add grains
- Keep mash **40 min** at **69C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **7 liter(s)** of **76C** water or to achieve **16.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 3 kg (63.2%) | 82 % | 4 |
| Grain | Briess - Wheat Malt, White | 0.6 kg (12.6%) | 85 % | 5 |
| Grain | Oats, Malted | 0.3 kg (6.3%) | 80 % | 2 |
| Grain | Oats, Flaked | 0.25 kg (5.3%) | 80 % | 2 |
| Grain | Barley, Flaked | 0.2 kg (4.2%) | 70 % | 4 |
| Grain | Simpsons - Golden Naked Oats | 0.1 kg (2.1%) | 73 % | 20 |
| Grain | Wheat, Flaked | 0.3 kg (6.3%) | 77 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|----------|--------|-----------|------------|
| Boil | Chinook | 30 g | 60 min | 13 % |
| Boil | Chinook | 10 g | 15 min | 13 % |
| Whirlpool | Amarillo | 20 g | 0 min | 9.5 % |
| Whirlpool | Simcoe | 20 g | 0 min | 13.2 % |
| Whirlpool | Citra | 20 g | 0 min | 12 % |
| Dry Hop | Citra | 20 g | 10 day(s) | 12 % |

| | | | | |
|---------|----------|------|-----------|--------|
| Dry Hop | Amarillo | 20 g | 10 day(s) | 9.5 % |
| Dry Hop | Simcoe | 30 g | 10 day(s) | 13.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------|------|--------|---------|------------|
| WLP067 | Ale | Liquid | 1000 ml | --- |