

Born To IPA

- Gravity **12.9 BLG**
- ABV ---
- IBU **74**
- SRM **8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 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 **66 C**, Time **75 min**

Mash step by step

- Heat up **14.3 liter(s)** of strike water to **73.6C**
- Add grains
- Keep mash **75 min** at **66C**
- Sparge using **16.9 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Pale Ale | 4.5 kg (94.7%) | 80 % | 8 |
| Grain | Cara Ruby Castlemalting | 0.25 kg (5.3%) | 80 % | 50 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------------|--------|----------|------------|
| Boil | Chinook | 21 g | 60 min | 11.2 % |
| Boil | Ahtanum | 13.5 g | 60 min | 3.4 % |
| Boil | Chinook | 21 g | 30 min | 11.2 % |
| Boil | Ahtanum | 13.5 g | 30 min | 3.4 % |
| Aroma (end of boil) | Chinook | 27 g | 5 min | 11.2 % |
| Aroma (end of boil) | Ahtanum | 13.5 g | 5 min | 3.4 % |
| Aroma (end of boil) | Simcoe | 13.5 g | 5 min | 11.4 % |
| Aroma (end of boil) | Nelson Sauvin | 13.5 g | 5 min | 11.2 % |
| Dry Hop | Chinook | 50 g | 5 day(s) | 11.2 % |
| Dry Hop | Ahtanum | 40 g | 5 day(s) | 3.4 % |
| Dry Hop | Simcoe | 40 g | 5 day(s) | 11.4 % |
| Dry Hop | Nelson Sauvin | 20 g | 5 day(s) | 11.2 % |
| Dry Hop | Cascade | 50 g | 5 day(s) | 7.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------|------|--------|--------|-------------|
| Wyeast - American Ale | Ale | Liquid | 125 ml | Wyeast Labs |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|---------|--------|
| Fining | mech irlandzki | 5 g | Boil | 15 min |

Notes

- Chinook30
Athanum 20
Nelson 15
Apr 26, 2016, 9:49 AM