

Alpine Nelson clone

- Gravity **16.1 BLG**
- ABV ---
- IBU **41**
- SRM **4.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **4 %**
- Size with trub loss **22.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **8 %/h**
- Boil size **26.6 liter(s)**

Mash information

- Mash efficiency **95 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **15.9 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **76C**
- Sparge using **16 liter(s)** of **76C** water or to achieve **26.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|-----------------------------------|---------------|--------|-----|
| Grain | Weyermann - Bohemian Pilsner Malt | 2 kg (36.4%) | 81 % | 4 |
| Grain | Weyermann - Pale Ale Malt | 2 kg (36.4%) | 85 % | 7 |
| Grain | Weyermann - Rye Malt | 1 kg (18.2%) | 85 % | 7 |
| Grain | Cara-Pils/Dextrine | 0.2 kg (3.6%) | 72 % | 4 |
| Grain | Acid Malt | 0.1 kg (1.8%) | 58.7 % | 6 |
| Adjunct | Rice Hulls | 0.2 kg (3.6%) | 1 % | 0 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|------------|---------------|--------|----------|------------|
| First Wort | Nelson Sauvín | 10 g | 90 min | 11 % |
| Boil | Nelson Sauvín | 20 g | 30 min | 11 % |
| Boil | suthern cross | 10 g | 15 min | 14 % |
| Boil | Nelson Sauvín | 20 g | 5 min | 11 % |
| Boil | suthern cross | 20 g | 5 min | 14 % |
| Dry Hop | Nelson Sauvín | 50 g | 3 day(s) | 11 % |
| Dry Hop | suthern cross | 20 g | 3 day(s) | 14 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|------------------|--------|---------|--------|
| Fining | Irish Moss | 5 g | Boil | 15 min |
| Water Agent | Calcium Chloride | 3 g | Mash | 60 min |
| Water Agent | Gypsum | 3 g | Mash | 60 min |