

New Zealand Session IPA 10,5-11,0°Blg

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **52**
- SRM **3.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **5.6 liter(s)**
- Trub loss **5 %**
- Size with trub loss **5.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **7 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **4.6 liter(s)**
- Total mash volume **5.8 liter(s)**

Steps

- Temp **54 C**, Time **10 min**
- Temp **64 C**, Time **50 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **4.6 liter(s)** of strike water to **58.3C**
- Add grains
- Keep mash **10 min** at **54C**
- Keep mash **50 min** at **64C**
- Keep mash **10 min** at **78C**
- Sparge using **3.6 liter(s)** of **76C** water or to achieve **7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|-----------------|-------|-----|
| Grain | Pilzneński | 0.89 kg (76.7%) | 81 % | 4 |
| Grain | Oats, Flaked | 0.09 kg (7.8%) | 80 % | 2 |
| Grain | Weyermann - Carapils | 0.18 kg (15.5%) | 78 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|---------|----------|------------|
| Boil | Motueka | 4.88 g | 15 min | 7 % |
| Boil | nectaron | 4.88 g | 15 min | 12 % |
| Boil | superdelic | 4.88 g | 15 min | 9 % |
| Boil | Motueka | 4.88 g | 5 min | 7 % |
| Boil | nectaron | 4.88 g | 5 min | 12 % |
| Boil | superdelic | 4.88 g | 5 min | 9 % |
| Boil | Motueka | 2.43 g | 0 min | 7 % |
| Boil | nectaron | 2.43 g | 0 min | 12 % |
| Boil | superdelic | 2.43 g | 0 min | 9 % |
| Dry Hop | Motueka | 10.96 g | 3 day(s) | 7 % |

| | | | | |
|---------|------------|---------|----------|------|
| Dry Hop | nectaron | 10.96 g | 3 day(s) | 12 % |
| Dry Hop | superdelic | 10.96 g | 3 day(s) | 9 % |
| Boil | Superdelic | 1.21 g | 60 min | 9 % |
| Boil | Nectaron | 1.21 g | 60 min | 12 % |
| Boil | Motueka | 1.21 g | 60 min | 7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------------------------|------|------|--------|-----------------|
| Mangrove Jack's M44 US West Coast | Ale | Dry | 5.36 g | Mangrove Jack's |