

New Zealand AIPA

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **45**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **24.8 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **68 C**, Time **90 min**
- Temp **77 C**, Time **0 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **0 min** at **77C**
- Sparge using **12.8 liter(s)** of **76C** water or to achieve **24.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 4 kg (66.7%) | 80 % | 5 |
| Grain | Słód pszeniczny Bestmalz | 1 kg (16.7%) | 82 % | 5 |
| Grain | Płatki pszeniczne | 0.5 kg (8.3%) | 85 % | 3 |
| Grain | Płatki owsiane | 0.5 kg (8.3%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil | Galaxy | 15 g | 60 min | 15 % |
| Boil | Motueka | 10 g | 60 min | 7 % |
| Boil | WAI-ITI | 10 g | 60 min | 4.1 % |
| Boil | WAI-ITI | 20 g | 10 min | 1.6 % |
| Boil | Motueka | 20 g | 10 min | 7 % |
| Boil | Galaxy | 5 g | 10 min | 15 % |
| Aroma (end of boil) | WAI-ITI | 30 g | 0 min | 1.6 % |
| Aroma (end of boil) | Motueka | 20 g | 0 min | 7 % |
| Aroma (end of boil) | Galaxy | 10 g | 0 min | 15 % |
| Dry Hop | WAI-ITI | 40 g | 5 day(s) | 1.6 % |

| | | | | |
|---------|---------|------|----------|-----|
| Dry Hop | Motueka | 40 g | 5 day(s) | 7 % |
|---------|---------|------|----------|-----|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--|------|------|---------|------------|
| Drożdże piwowskie Fermentis Safale™ US-05 | Ale | Dry | 17.25 g | Fermentis |