

NZ RYE IPA

- Gravity **15.4 BLG**
- ABV ---
- IBU **80**
- SRM **6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **2 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.9 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 3.5 kg (74.5%) | 80 % | 5 |
| Grain | Žytni | 1 kg (21.3%) | 85 % | 8 |
| Grain | Caramel/Crystal Malt - 40L | 0.2 kg (4.3%) | 74 % | 79 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|------------|---------------|--------|--------|------------|
| Boil | Pacific Gem | 30 g | 60 min | 15.3 % |
| Boil | Pacifica (NZ) | 15 g | 30 min | 4.8 % |
| Boil | Rakau (NZ) | 15 g | 30 min | 9.5 % |
| Boil | Pacifica (NZ) | 20 g | 10 min | 4.8 % |
| First Wort | Rakau (NZ) | 10 g | 10 min | 9.5 % |
| Dry Hop | Pacific Gem | 20 g | --- | 15.3 % |
| Dry Hop | Pacifica (NZ) | 65 g | --- | 4.8 % |
| Dry Hop | Rakau (NZ) | 25 g | --- | 9.5 % |

Yeasts

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