

# 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  |