

# Nelson Ryzowiec

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **18**
- SRM **3.5**
- Style **Classic American Pilsner**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **25.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **5 min** at **76C**
- Sparge using **15.9 liter(s)** of **76C** water or to achieve **25.9 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Pilzneński           | 4 kg (80%)    | 81 %  | 4   |
| Grain | Rice, Flaked         | 0.75 kg (15%) | 70 %  | 2   |
| Grain | Weyermann - Carapils | 0.25 kg (5%)  | 78 %  | 4   |

## Hops

| Use for | Name          | Amount | Time   | Alpha acid |
|---------|---------------|--------|--------|------------|
| Boil    | lunga         | 15 g   | 60 min | 11 %       |
| Boil    | Nelson Sauvín | 50 g   | 0 min  | 11 %       |

## Yeasts

| Name                          | Type  | Form   | Amount | Laboratory |
|-------------------------------|-------|--------|--------|------------|
| WLP840 - American Lager Yeast | Lager | Liquid | 200 ml | White Labs |