

## #7 USNZ IPA

- Gravity **17.7 BLG**
- ABV **7.6 %**
- IBU **48**
- SRM **5.2**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27.6 liter(s)**
- Total mash volume **36.8 liter(s)**

### Fermentables

| Type  | Name              | Amount          | Yield | EBC |
|-------|-------------------|-----------------|-------|-----|
| Grain | Pszeniczny        | 3.75 kg (40.8%) | 85 %  | 4   |
| Grain | Pale Ale          | 3.75 kg (40.8%) | 79 %  | 6   |
| Grain | Płatki owsiane    | 1 kg (10.9%)    | 60 %  | 3   |
| Grain | Płatki pszeniczne | 0.7 kg (7.6%)   | 60 %  | 3   |

### Hops

| Use for | Name          | Amount | Time     | Alpha acid |
|---------|---------------|--------|----------|------------|
| Boil    | Amarillo      | 2 g    | 60 min   | 9.5 %      |
| Boil    | Citra         | 2 g    | 60 min   | 12 %       |
| Boil    | Simcoe        | 2 g    | 60 min   | 13.2 %     |
| Boil    | Amarillo      | 10 g   | 30 min   | 9.5 %      |
| Boil    | Citra         | 10 g   | 30 min   | 12 %       |
| Boil    | Simcoe        | 20 g   | 30 min   | 13.2 %     |
| Boil    | Amarillo      | 10 g   | 15 min   | 9.5 %      |
| Boil    | Citra         | 10 g   | 15 min   | 12 %       |
| Boil    | Simcoe        | 20 g   | 15 min   | 13.2 %     |
| Boil    | Amarillo      | 10 g   | 0 min    | 9.5 %      |
| Boil    | Citra         | 10 g   | 0 min    | 12 %       |
| Boil    | Nelson Sauvín | 20 g   | 0 min    | 11 %       |
| Boil    | Simcoe        | 30 g   | 0 min    | 13.2 %     |
| Dry Hop | Nelson Sauvín | 80 g   | 3 day(s) | 11 %       |
| Dry Hop | Simcoe        | 25 g   | 3 day(s) | 13.2 %     |

### Yeasts

| Name  | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale  | Dry  | 2 g    | ---        |