

## sortland neipa #3

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **17**
- SRM **3.2**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.6 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **27.9 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.8 liter(s)**
- Total mash volume **18.4 liter(s)**

### Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | pilzneński wayermann | 3 kg (65.2%)   | 80 %  | 4   |
| Grain | Płatki pszeniczne    | 0.5 kg (10.9%) | 80 %  | 3   |
| Grain | Płatki owsiane       | 0.6 kg (13%)   | 80 %  | 3   |
| Grain | pszeniczny wayermann | 0.5 kg (10.9%) | 80 %  | 3   |

### Hops

| Use for   | Name   | Amount | Time     | Alpha acid |
|-----------|--------|--------|----------|------------|
| Whirlpool | Simcoe | 30 g   | 30 min   | 13.2 %     |
| Dry Hop   | Mosaic | 50 g   | 2 day(s) | 10 %       |
| Dry Hop   | Citra  | 50 g   | 0 day(s) | 12 %       |

### Yeasts

| Name  | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| us-05 | Ale  | Dry  | 11 g   | ---        |