

# WC IPA

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- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **54**
- SRM **5.6**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

## Fermentables

| Type  | Name                   | Amount      | Yield | EBC |
|-------|------------------------|-------------|-------|-----|
| Grain | Simpsons - Maris Otter | 4 kg (100%) | 81 %  | 6   |

## Hops

| Use for   | Name               | Amount | Time     | Alpha acid |
|-----------|--------------------|--------|----------|------------|
| Boil      | mosaic 2020        | 50 g   | 15 min   | 12.8 %     |
| Whirlpool | mosaic 2020        | 50 g   | 0 min    | 12.8 %     |
| Dry Hop   | mosaic 2020        | 50 g   | 2 day(s) | 12.8 %     |
| Dry Hop   | nelson sauvin 2020 | 50 g   | 2 day(s) | 9.9 %      |

## Yeasts

| Name         | Type | Form  | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale  | Slant | 200 ml | Fermentis  |

## Extras

| Type        | Name           | Amount | Use for | Time   |
|-------------|----------------|--------|---------|--------|
| Water Agent | gips           | 3 g    | Mash    | 60 min |
| Water Agent | sól epsom      | 1 g    | Mash    | 60 min |
| Water Agent | chlerek wapnia | 2 g    | Mash    | 60 min |
| Fining      | whirflock      | 1 g    | Boil    | 5 min  |