

# NZ IPA 13Blg BIAB

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **57**
- SRM **4.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **26.5 liter(s)**
- Total mash volume **31.8 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **26.5 liter(s)** of strike water to **71.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **6.3 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount         | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 4.5 kg (84.9%) | 85 %  | 7   |
| Grain | Weyermann - Carapils      | 0.3 kg (5.7%)  | 78 %  | 4   |
| Grain | płatki jęczmienne         | 0.5 kg (9.4%)  | 60 %  | 4   |

## Hops

| Use for             | Name         | Amount | Time     | Alpha acid |
|---------------------|--------------|--------|----------|------------|
| Boil                | Ella (AUS)   | 30 g   | 55 min   | 13.3 %     |
| Aroma (end of boil) | Galaxy       | 15 g   | 15 min   | 17 %       |
| Aroma (end of boil) | Motueka      | 10 g   | 5 min    | 5.6 %      |
| Aroma (end of boil) | Ella (AUS)   | 20 g   | 5 min    | 13.3 %     |
| Aroma (end of boil) | Green Bullet | 10 g   | 0 min    | 12.5 %     |
| Aroma (end of boil) | Ella (AUS)   | 10 g   | 0 min    | 13.3 %     |
| Dry Hop             | Motueka      | 20 g   | 5 day(s) | 5.6 %      |
| Dry Hop             | Green Bullet | 20 g   | 5 day(s) | 12.5 %     |
| Dry Hop             | Galaxy       | 15 g   | 5 day(s) | 17.4 %     |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|              |     |     |        |     |
|--------------|-----|-----|--------|-----|
| Safale US-05 | Ale | Dry | 11.5 g | --- |
|--------------|-----|-----|--------|-----|