

# VERMONT IPA

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **22**
- SRM **4.5**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.4 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **75 C**, Time **10 min**

## Mash step by step

- Heat up **9.6 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **75C**
- Sparge using **5.9 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount          | Yield | EBC |
|-------|----------------------------|-----------------|-------|-----|
| Grain | Wheat, Flaked              | 0.35 kg (12.7%) | 77 %  | 4   |
| Grain | Pilsner (2 Row) Ger        | 0.7 kg (25.5%)  | 81 %  | 4   |
| Grain | Briess - Rye Malt          | 0.7 kg (25.5%)  | 80 %  | 7   |
| Grain | Briess - Wheat Malt, White | 1 kg (36.4%)    | 85 %  | 5   |

## Hops

| Use for | Name      | Amount | Time     | Alpha acid |
|---------|-----------|--------|----------|------------|
| Dry Hop | Citra     | 6 g    | 5 day(s) | 12 %       |
| Dry Hop | El Dorado | 6 g    | 5 day(s) | 15 %       |
| Boil    | Citra     | 10 g   | 5 min    | 12 %       |
| Boil    | El Dorado | 10 g   | 5 min    | 15 %       |
| Boil    | Galaxy    | 10 g   | 5 min    | 15 %       |
| Boil    | Mosaic    | 10 g   | 5 min    | 10 %       |
| Dry Hop | Galaxy    | 20 g   | 3 day(s) | 15 %       |
| Dry Hop | Mosaic    | 20 g   | 3 day(s) | 10 %       |

## Yeasts

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

|                      |     |        |        |                  |
|----------------------|-----|--------|--------|------------------|
| FM52 Amerykański Sen | Ale | Liquid | 500 ml | Fermentum Mobile |
|----------------------|-----|--------|--------|------------------|