

# DEAR F\* DIARRHEA

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **69**
- SRM **7.8**
- Style **American IPA**

## 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 **20.1 liter(s)**
- Total mash volume **26.8 liter(s)**

## Steps

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

## Mash step by step

- Heat up **20.1 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **18.3 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

## Fermentables

| Type  | Name               | Amount         | Yield | EBC |
|-------|--------------------|----------------|-------|-----|
| Grain | Colorado Pale Base | 3 kg (44.8%)   | 75 %  | 6   |
| Grain | Red X              | 1.5 kg (22.4%) | 79 %  | 30  |
| Grain | Colorado Crystal   | 1 kg (14.9%)   | 79 %  | 25  |
| Grain | Pszeniczny         | 1 kg (14.9%)   | 85 %  | 4   |
| Grain | Zakwaszający       | 0.2 kg (3%)    | 75 %  | 6   |

## Hops

| Use for             | Name               | Amount | Time     | Alpha acid |
|---------------------|--------------------|--------|----------|------------|
| Boil                | Citra              | 10 g   | 60 min   | 12 %       |
| Boil                | Citra              | 20 g   | 30 min   | 12 %       |
| Boil                | Citra              | 30 g   | 15 min   | 12 %       |
| Aroma (end of boil) | Citra              | 15 g   | 5 min    | 12 %       |
| Whirlpool           | Lemon drop         | 25 g   | 0 min    | 4.6 %      |
| Dry Hop             | Citra              | 25 g   | 7 day(s) | 12 %       |
| Dry Hop             | Lemon drop         | 75 g   | 7 day(s) | 4.6 %      |
| Boil                | hallertauer taurus | 20 g   | 60 min   | 14 %       |

## Yeasts

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

|       |     |        |        |     |
|-------|-----|--------|--------|-----|
| US-05 | Ale | Liquid | 200 ml | --- |
|-------|-----|--------|--------|-----|