

## #5 Hazy Fruit Apa BIAB

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **36**
- SRM **3**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **14 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **19.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **6 liter(s) / kg**
- Mash size **10.2 liter(s)**
- Total mash volume **11.9 liter(s)**

### Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

### Mash step by step

- Heat up **10.2 liter(s)** of strike water to **70.9C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **0 min** at **76C**
- Sparge using **10.8 liter(s)** of **76C** water or to achieve **19.3 liter(s)** of wort

### Fermentables

| Type    | Name                | Amount         | Yield | EBC |
|---------|---------------------|----------------|-------|-----|
| Grain   | Strzegom Pilzneński | 1.5 kg (50%)   | 80 %  | 4   |
| Adjunct | Płatki owsiane      | 0.6 kg (20%)   | 85 %  | 3   |
| Adjunct | Płatki pszeniczne   | 0.7 kg (23.3%) | 85 %  | 3   |
| Grain   | Pszeniczny          | 0.2 kg (6.7%)  | 85 %  | 4   |

### Hops

| Use for             | Name      | Amount  | Time     | Alpha acid |
|---------------------|-----------|---------|----------|------------|
| Boil                | Equinox   | 14 g    | 40 min   | 13.1 %     |
| Boil                | Amarillo  | 13.13 g | 20 min   | 9.5 %      |
| Aroma (end of boil) | Citra     | 10 g    | 0 min    | 12 %       |
| Dry Hop             | Citra     | 40 g    | 4 day(s) | 12 %       |
| Dry Hop             | El Dorado | 100 g   | 2 day(s) | 15 %       |
| Dry Hop             | Equinox   | 36 g    | 4 day(s) | 13.1 %     |

### Yeasts

| Name      | Type | Form  | Amount  | Laboratory |
|-----------|------|-------|---------|------------|
| Hazy Daze | Ale  | Slant | 87.5 ml | ---        |

### Extras

| Type   | Name            | Amount | Use for   | Time     |
|--------|-----------------|--------|-----------|----------|
| Flavor | Pulpa z mango   | 750 g  | Secondary | 8 day(s) |
| Flavor | Pulpa z ananasa | 500 g  | Secondary | 8 day(s) |
| Flavor | Sok z cytryny   | 100 g  | Secondary | 8 day(s) |