

3. American Pale Ale Victory - Briess

- Gravity **13.1 BLG**
- ABV ---
- IBU **35**
- SRM **7.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **0 %**
- Size with trub loss **25 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22.8 liter(s)**

Steps

- Temp **68 C**, Time **70 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **17.1 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **18.9 liter(s)** of **76C** water or to achieve **30.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------|----------------|-------|-----|
| Grain | Pale Ale | 4.2 kg (73.7%) | 80 % | 4 |
| Grain | Pilzneński | 1 kg (17.5%) | 80 % | 3.5 |
| Grain | Briess - Victory Malt | 0.5 kg (8.8%) | 75 % | 55 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------|--------|----------|------------|
| Boil | Simcoe | 10 g | 60 min | 13 % |
| Boil | Centennial | 10 g | 60 min | 10.5 % |
| Boil | Citra | 10 g | 60 min | 12 % |
| Whirlpool | Simcoe | 20 g | 30 min | 13 % |
| Whirlpool | Centennial | 20 g | 30 min | 10.5 % |
| Whirlpool | Citra | 20 g | 30 min | 12 % |
| Whirlpool | Lemon drop | 20 g | 30 min | 4.6 % |
| Dry Hop | Simcoe | 20 g | 6 day(s) | 13 % |
| Dry Hop | Centennial | 20 g | 5 day(s) | 10.5 % |
| Dry Hop | Citra | 20 g | 4 day(s) | 12 % |
| Dry Hop | Lemon drop | 30 g | 4 day(s) | 4.6 % |

Yeasts

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 12.5 g | Fermentis |

Notes

- Słód Pale Ale GOLDEN PROMISE 5 kg - Śrutowanie : Tak
Słód Victory® Briess - Śrutowanie : Tak
Słód Pilznieński 6-rzędowy 1 kg Belgia - Śrutowanie : Tak
Mar 30, 2016, 8:17 PM