

Brett IPA 2.0

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **18**
- SRM **4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **2.5 %**
- Size with trub loss **12.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **15.8 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.4 liter(s)**
- Total mash volume **14.6 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **11.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **5 min** at **78C**
- Sparge using **7.7 liter(s)** of **76C** water or to achieve **15.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 2 kg (61.5%) | 80 % | 4 |
| Grain | Słód pszeniczny Bestmalz | 0.25 kg (7.7%) | 82 % | 5 |
| Grain | Płatki pszeniczne | 0.25 kg (7.7%) | 85 % | 3 |
| Grain | Płatki owsiane | 0.25 kg (7.7%) | 85 % | 3 |
| Grain | Barley, Flaked | 0.25 kg (7.7%) | 70 % | 4 |
| Grain | Weyermann - Carapils | 0.25 kg (7.7%) | 78 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------|--------|----------|------------|
| Boil | lunga | 10.5 g | 60 min | 10 % |
| Aroma (end of boil) | Citra | 20 g | 0 min | 12 % |
| Aroma (end of boil) | El Dorado | 20 g | 0 min | 15 % |
| Aroma (end of boil) | Amarillo | 20 g | 0 min | 9.5 % |
| Dry Hop | Citra | 70 g | 1 day(s) | 12 % |
| Dry Hop | Amarillo | 30 g | 1 day(s) | 9.5 % |
| Dry Hop | El Dorado | 80 g | 1 day(s) | 15 % |

Yeasts

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

| Name | Type | Form | Amount | Laboratory |
|-------------|-------------|-------------|---------------|-------------------|
| WLP648 | Ale | Slant | 250 ml | White Labs |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-------------|---------------|----------------|-------------|
| Fining | Pożywka | 1 g | Boil | 10 min |