

#8 American IPA

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **36**
- SRM **6.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **28.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.3 liter(s)**
- Total mash volume **28.4 liter(s)**

Steps

- Temp **66 C**, Time **60 min**

Mash step by step

- Heat up **21.3 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Sparge using **14.1 liter(s)** of **76C** water or to achieve **28.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|---------------|-------|-----|
| Grain | Maris Otter | 5 kg (70.4%) | 81 % | 5 |
| Grain | Strzegom Wiedeński | 1 kg (14.1%) | 79 % | 10 |
| Grain | Strzegom Pszeniczny | 1 kg (14.1%) | 81 % | 4 |
| Grain | Fawcett - Dark Crystal | 0.1 kg (1.4%) | 71 % | 210 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil | Citra | 20 g | 60 min | 13.3 % |
| Boil | Galaxy | 15 g | 20 min | 15.8 % |
| Aroma (end of boil) | Cascade | 20 g | 0 min | 6.9 % |
| Podczas chłodzenia | | | | |
| Dry Hop | Cascade | 10 g | 7 day(s) | 6.9 % |
| Dry Hop | Citra | 15 g | 3 day(s) | 13.3 % |
| Dry Hop | Galaxy | 30 g | 3 day(s) | 15.8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |

Extras

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

| Type | Name | Amount | Use for | Time |
|--------|---------------------------------|--------|----------|--------|
| Fining | Mech irlandzki | 4 g | Boil | 10 min |
| Other | Witamina C (kwas L-askrobinowy) | 4 g | Bottling | --- |