

AIPA v1

- Gravity **15.6 BLG**
- ABV ---
- IBU **69**
- SRM **10.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **32.9 liter(s)**

Mash information

- Mash efficiency **83 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.4 liter(s)**
- Total mash volume **27.2 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **20.4 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **10 min** at **78C**
- Sparge using **19.3 liter(s)** of **76C** water or to achieve **32.9 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale | 4.5 kg (66.2%) | 79 % | 6 |
| Grain | Karmelowy Czerwony | 0.6 kg (8.8%) | 75 % | 59 |
| Grain | Strzegom pszeniczny | 1.5 kg (22.1%) | 81 % | 6 |
| Grain | Weyermann - Carawheat | 0.2 kg (2.9%) | 77 % | 97 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------------|--------|----------|------------|
| Boil | Magnum szyszka | 25 g | 60 min | 9.7 % |
| Boil | Nugget | 30 g | 20 min | 15.3 % |
| Boil | Motueka | 30 g | 10 min | 7 % |
| Boil | Citra | 30 g | 10 min | 12 % |
| Boil | Amarillo | 30 g | 10 min | 9.5 % |
| Dry Hop | Citra | 20 g | 3 day(s) | 12 % |
| Dry Hop | Nugget | 20 g | 3 day(s) | 15.3 % |
| Dry Hop | Amarillo | 20 g | 3 day(s) | 9.5 % |
| Dry Hop | Motueka | 20 g | 3 day(s) | 7 % |

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 | Slant | 200 ml | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|----------------|---------------|----------------|-------------|
| Fining | mech irlandzki | 5 g | Primary | 5 day(s) |