

White IPA I

- Gravity **15 BLG**
- ABV ---
- IBU **73**
- SRM **6.6**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.2 liter(s)**

Mash information

- Mash efficiency **61 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.8 liter(s)**
- Total mash volume **14.4 liter(s)**

Steps

- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **10.8 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **6 liter(s)** of **76C** water or to achieve **13.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale | 1.8 kg (50%) | 80 % | 6 |
| Grain | Weyermann - Pszeniczny jasny | 1 kg (27.8%) | 80 % | 6 |
| Grain | Płatki pszeniczne błyskawiczne | 0.6 kg (16.7%) | 75 % | 3 |
| Grain | Płatki owsiane błyskawiczne | 0.2 kg (5.6%) | 80 % | 2 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|--------------|--------|----------|------------|
| Boil | USA Citra | 10 g | 60 min | 13.5 % |
| Boil | USA Amarillo | 20 g | 30 min | 8.6 % |
| Boil | USA Citra | 30 g | 5 min | 13.5 % |
| Whirlpool | USA Amarillo | 20 g | 0 min | 8.6 % |
| Dry Hop | USA Citra | 10 g | 7 day(s) | 13.5 % |
| Dry Hop | USA Amarillo | 10 g | 7 day(s) | 8.6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|-------|--------|------------|
| FM52 Amerykański Sen | Ale | Slant | 70 ml | --- |

Extras

| Type | Name | Amount | Use for | Time |
|--------|------------------------------------|--------|---------|--------|
| Spice | Kolendra indyjska | 5 g | Boil | 5 min |
| Spice | Skórka gorzkiej pomarańczy Curacao | 15 g | Boil | 5 min |
| Fining | Mech irlandzki | 3 g | Boil | 15 min |