

Hops in the Mist

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **43**
- SRM **5.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **24.8 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **18.6 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **76C**
- Sparge using **12.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 3.5 kg (56.5%) | 85 % | 7 |
| Grain | Weyermann - Wheat Malt | 1.5 kg (24.2%) | 85 % | 5 |
| Grain | Wheat, Flaked | 0.5 kg (8.1%) | 77 % | 4 |
| Grain | Oats, Malted | 0.7 kg (11.3%) | 80 % | 2 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---|------------|--------|----------|------------|
| Mash | Equinox | 5 g | --- | 13.1 % |
| Przy filtracji. | | | | |
| Boil | Equinox | 20 g | 50 min | 13.1 % |
| Boil | Mosaic | 20 g | 40 min | 11.7 % |
| Aroma (end of boil) | Mosaic | 60 g | 0 min | 11.7 % |
| Dry Hop | Equinox | 75 g | --- | 13.1 % |
| W pierwszym dniu fermentacji burzliwej. | | | | |
| Dry Hop | Centennial | 80 g | 5 day(s) | 11.1 % |
| Dry Hop | Amarillo | 50 g | 3 day(s) | 9.5 % |

Yeasts

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

| Name | Type | Form | Amount | Laboratory |
|-------------------------------------|-------------|-------------|---------------|-------------------|
| Yeast Bay Vermont Ale 4000 | Ale | Liquid | 1000 ml | White Labs |
| Zrobiony starter drożdżowy 1000 ml. | | | | |