

American Hefeweizen

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **14**
- SRM **3.8**
- Style **Weizen/Weissbier**

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 **3.5 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **21.1 liter(s)**

Steps

- Temp **44 C**, Time **15 min**
- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **25 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **16.4 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **15 min** at **44C**
- Keep mash **40 min** at **64C**
- Keep mash **25 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **13.6 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 2 kg (42.6%) | 82 % | 4 |
| Grain | Viking Wheat Malt | 2.7 kg (57.4%) | 83 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|--------|------------|
| Boil | Amarillo | 10 g | 20 min | 8.5 % |
| Aroma (end of boil) | Cascade | 10 g | 0 min | 7.1 % |
| Aroma (end of boil) | Amarillo | 10 g | 0 min | 8.5 % |
| Whirlpool | Amarillo | 10 g | 15 min | 8.5 % |
| Whirlpool | Cascade | 30 g | 15 min | 7.1 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------------------------|-------|-------|--------|------------|
| WLP300 - Hefeweizen Ale Yeast | Wheat | Slant | 150 ml | White Labs |