

West Coast IPA v3

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **77**
- SRM **3.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **10 %**
- Size with trub loss **21.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **30.2 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.3 liter(s)**
- Total mash volume **23 liter(s)**

Steps

- Temp **65 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **17.3 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **15 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **18.7 liter(s)** of **76C** water or to achieve **30.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------|----------------|-------|-----|
| Grain | Pilzneński | 5.5 kg (93.2%) | 81 % | 4 |
| Grain | Pszeniczny | 0.25 kg (4.2%) | 85 % | 4 |
| Sugar | sacharoza | 0.15 kg (2.5%) | 100 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|------------|------------|--------|----------|------------|
| First Wort | Simcoe | 40 g | 75 min | 11.5 % |
| Boil | Simcoe | 20 g | 30 min | 11.5 % |
| Boil | Mosaic | 20 g | 15 min | 10.4 % |
| Boil | Centennial | 20 g | 15 min | 8.3 % |
| Dry Hop | Simcoe | 40 g | 4 day(s) | 11.5 % |
| Dry Hop | Mosaic | 50 g | 4 day(s) | 10.4 % |
| Dry Hop | Centennial | 50 g | 2 day(s) | 8.3 % |
| Dry Hop | Ahtanum | 50 g | 2 day(s) | 4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-----------------------------|-----|-------|--------|------------------|
| FM54 Gorączka kalifornijska | Ale | Slant | 140 ml | Fermentum Mobile |
|-----------------------------|-----|-------|--------|------------------|

Notes

- hopstand 75C 30min
Mosaic 30g
Centennial 30g
Ahtanum 50g
Apr 8, 2018, 2:10 PM