

BEST DDH DIPA

- Gravity **18.4 BLG**
- ABV **8 %**
- IBU **51**
- SRM **6.3**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **30.4 liter(s)**

Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **22.8 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **11 liter(s)** of **76C** water or to achieve **26.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------|----------------|-------|-----|
| Grain | Pilsner (2 Row) Ger | 5 kg (65.8%) | 81 % | 4 |
| Grain | Pszeniczny | 0.9 kg (11.8%) | 85 % | 4 |
| Grain | Płatki pszeniczne | 0.7 kg (9.2%) | 85 % | 3 |
| Grain | Płatki owsiane | 0.7 kg (9.2%) | 85 % | 3 |
| Grain | Weyermann - Carawheat | 0.1 kg (1.3%) | 77 % | 130 |
| Grain | Aromatic Malt | 0.2 kg (2.6%) | 78 % | 51 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|--------|------------|
| Boil | Galaxy | 20 g | 60 min | 15 % |
| Boil | Galaxy | 15 g | 20 min | 15 % |
| Boil | Lemon drop | 25 g | 10 min | 4.6 % |
| Aroma (end of boil) | Belma | 30 g | 0 min | 9.4 % |
| Whirlpool | Lemon drop | 25 g | 10 min | 4.6 % |
| Whirlpool | Galaxy | 25 g | 10 min | 15 % |
| Whirlpool | Belma | 20 g | 10 min | 9.4 % |

| | | | | |
|---------|------------|------|----------|-------|
| Dry Hop | Belma | 50 g | 5 day(s) | 9.4 % |
| Dry Hop | Lemon drop | 50 g | 5 day(s) | 4.6 % |
| Dry Hop | Galaxy | 40 g | 5 day(s) | 15 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|--------|--------|------------|
| Vermont Ale | Ale | Liquid | 100 ml | Yeast Bay |